Lawrenceville Campus Map

1. Franklin F. Moore Library (Ground Floor: University Administrative Offices)
2. Student Recreation Center
3. Alumni Gymnasium
4. Daly Dining Hall
5. Joseph P. Vona Academic Annex (Learning Resource Center)
6. Van Cleve Alumni House
7. Zoerner House (Counseling Center)
8. West House (Dean of Students House)
9. President’s House
10. Emmaus House (Catholic Student Center)
11. Switlik Residence Hall
12. Conover Residence Hall
13. Olson Residence Hall
14. Gee Residence Hall
15. Lincoln Residence Hall
16. Krone Residence Hall
17. Wright Residence Hall
18. Ziegler Residence Hall
19. The New Residence Hall
20. Hill Residence Hall
21. Memorial Hall (School of Education)
22. Science and Technology Center
23. Fine Arts Center and The Yvonne Theater
24. Anne Brossman Sweigart Hall (College of Business Administration)
25. Delta Phi Epsilon Sorority
26. Centennial House
27. Alpha Xi Delta Sorority
28. Zeta Tau Alpha Sorority
29. Gill Memorial Chapel
30. Poyda Residence Hall
31. Maurer Physical Education Center
32. Omega House
33. University House
34. Phi Sigma Sigma Sorority
35. Ridge House
36. Lake House
37. General Services Building
38. The Bart Luedeke Center (Student Center)
39. P.J. Ciambelli Hall (Office of Admissions)
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[www.rider.edu](http://www.rider.edu)
Calendar for Academic Year 2008–2009

Fall Semester 2008

August
31 / Sunday
Residences open for new students
31–Sept. 2 / Sunday–Tuesday
Final new student testing and scheduling
New student orientation

September
1 / Monday
Residences open for continuing students
2 / Tuesday
Registration for returning students
3 / Wednesday
Day and Evening classes begin
3–9 / Wednesday–Tuesday
Schedule changes
10–16 / Wednesday–Tuesday
Courses may be dropped

October
1 / Wednesday
December 2008 degree applications due
20–Nov. 19
Course request period for spring semester

November
26–30 / Wednesday–Sunday
Thanksgiving recess

December
1 / Monday
Classes resume
5 / Friday
Day classes end
6–7 / Saturday–Sunday
Reading days
8–9 / Monday–Tuesday
Final exams
10 / Wednesday
Reading day
8–11 / Monday–Thursday
Evening final exams
11–12 / Thursday–Friday
Final exams
12 / Friday
Day classes end
2 / Friday
Spring/summer 2009 degree applications due
13–14 / Saturday–Sunday
Reading days
15–16 / Monday–Tuesday
Final exams

Spring Semester 2009

January
2 / Friday
Balance of spring charges due
22–23 / Thursday–Friday
New student orientation
23 / Friday
New student testing and scheduling
24 / Saturday
Residences open
25 / Sunday
Registration
26 / Monday
Classes begin (day and evening)
26–30 / Monday–Friday
Schedule changes

February
2–6 / Monday–Friday
Courses may be dropped

March
1 / Sunday
Incoming freshman, transfer and continuing undergraduate students priority deadline for filing federal financial aid forms
14 / Saturday
Last day of classes before spring recess
15–22 / Sunday–Sunday
Spring recess
23 / Monday
Classes resume

April
30 / Thursday
Evening classes end

May
1 / Friday
Day classes end
2 / Saturday
Saturday classes end
2–3 / Saturday–Sunday
Reading days
4–5 / Monday–Tuesday
Final exams
4–7 / Monday–Thursday
Evening final exams
6 / Wednesday
Reading day
7–8 / Thursday–Friday
Final exams
9–10 / Saturday–Sunday
Reading days
11–12 / Monday–Tuesday
Final exams
15 / Friday
Commencement

June
12 / Friday
Deadline for makeup of spring semester incomplete grades

Spring 2009 Withdrawal Dates
February 9–March 13
Withdrawal, student discretion
March 16–April 17
Withdrawal, consent of instructor
April 20–May 1
Withdrawal, psychological or physiological incapacity

Students enrolled in evening classes should refer to the calendar in the Continuing Studies section of this catalog (page 86).

Summer Session 2009

Students interested in calendar and course offerings for the summer sessions should consult the summer session catalog, available from the College of Continuing Studies at 609-896-5033 or ccs@rider.edu.
General Information

www.rider.edu
General Information

Rider’s Vision

Rider University will be a leader in American higher education celebrated for educating talented students for citizenship, life and career success in a diverse and interdependent world. Rider will achieve distinctiveness by focusing on students first, by cultivating leadership skills, by affirming teaching and learning that bridge the theoretical and the practical, and by fostering a culture of academic excellence.

Rider’s Mission Toward 2010

Rider attracts and graduates talented and motivated students with diverse backgrounds from across the nation and around the world, and puts them at the center of our learning and living community.

As a learner-centered University dedicated to the education of the whole student, Rider provides students the intellectual resources and breadth of student life opportunities of a comprehensive university with the personal attention and close student-faculty interactions of a liberal arts college.

Through a commitment to high quality teaching, scholarship and experiential opportunities, faculty on both campuses provide undergraduate and graduate students rigorous and relevant programs of study to expand their intellectual, cultural and personal horizons and develop their leadership skills. Our highly regarded programs in the arts, social sciences, music, business and education challenge students to become active learners who can acquire, interpret, communicate and apply knowledge within and across disciplines to foster the integrative thinking required in a complex and rapidly changing world.

Rider attracts highly qualified faculty, staff and administration with diverse backgrounds who create an environment that inspires intellectual and social engagement, stimulates innovation and service, and encourages personal and professional development. As key members of our University community, it is their commitment to our values, vision and mission that will ensure Rider’s success.

The University’s institutional identity will continue to reflect the strengths of its people, history, location and shared values, among which are a commitment to diversity, social and ethical responsibility, and community.

The success of our graduates will be demonstrated by their personal and career achievements and by their contributions to the cultural, social and economic life of their communities, the nation and the world.

Historical Sketch

Rider University is an independent, private institution founded in 1865 as Trenton Business College. Soon after the turn of the century, teacher education was added to a curriculum that had focused on training young men and women for business careers. The first baccalaureate degree was offered in 1922. In 1957, offerings in liberal arts, science and secondary education were added.

Four separate schools emerged as a result of a reorganization in 1962. The well-established schools of Business Administration and Education were joined by two new schools—Liberal Arts and Science and the Evening School. The schools of Business Administration and Education have each since added a division of graduate studies and the Evening School has been reorganized into the College of Continuing Studies. In 1988, the School of Education was renamed the School of Education and Human Services to reflect the scope of its curricula. In July 1992, Westminster Choir College in Princeton, NJ, merged with Rider to become Westminster Choir College, The School of Music of Rider College.

On March 23, 1994, the New Jersey Board of Higher Education designated Rider a teaching university pursuant to N.J.A.C. 9:1-3.1 et seq. On April 13, 1994, Rider’s name was officially changed to Rider University. Today, the University’s academic units are the College of Business Administration; the College of Liberal Arts, Education, and Sciences (including the School of Education and the School of Liberal Arts and Sciences); the College of Continuing Studies; and Westminster College of the Arts, including the School of Fine and Performing Arts and Westminster Choir College.

Academic Majors

Rider University offers the following undergraduate majors on its Lawrenceville campus:

- Accounting
- Actuarial Science
- Advertising
- American Studies
- Biochemistry
- Biology
- Biopsychology
- Business Administration
- Business Economics
- Business Education
- Chemistry
- Communication (Multimedia and Web Design, Speech and Interpersonal Communication, Radio and Television)
- Computer Information Systems
- Economics
- Elementary Education
- English (Literature, Writing, Cinema Studies)
- Entrepreneurial Studies
- Environmental Science
- Finance
- Fine Arts (Art, Dance, Music, Theater)
- French
- Geosciences
- German
- Global and Multinational Studies
- History
- Human Resource Management
- International Business
- Integrated Sciences and Math
- Journalism (News-Editorial Journalism, Public Relations)
Professional Outreach and Service Programs

In Rider’s efforts to fulfill one of its stated objectives, that of “seeking and implementing effective means for bringing the resources of the institution to bear on the needs of the broader society,” Rider engages in activities that do so while providing additional study and training opportunities for both faculty and students.

The Executive Advisory Council facilitates the exchange of ideas and advice between prominent leaders of the business community and Rider faculty, students and staff. The board provides a range of current and emerging business insights as input to development and advancement of the Rider business education experience. Similarly, the Accounting Advisory Council works closely with the accounting department on issues specific to the Master of Accountancy program and accounting in general. A specific service function is performed by the accounting department’s participation in the Volunteer Income Tax Assistance (VITA) program. Each year, accounting majors reach into the community by helping (free of charge) elderly and low-income persons complete their tax returns. The students, in turn, benefit from special IRS training and the opportunity for field experience.

The Science Advisory Board provides a unique interface between Rider and the scientific and business communities. The board was established to provide advice and counsel on the continuing development of undergraduate science education at Rider and to effect cooperative efforts between the scientific and business communities.

The Education Advisory Board makes connections with alumni, government, schools, professional agencies, business and industry, and the general public to promote the interests of the professional programs and facilitate support for them.

The EOP Community Advisory Board

The Rider University Community Advisory Board (CAB) is a component of the Educational Opportunity Program (EOP) comprised of volunteer professionals who are committed to the fortification of Rider University and its students. Its members represent a wide range of experiences from multiple disciplines and diverse backgrounds to promote advocacy for the EOP at Rider University. It has been established in accordance with New Jersey Educational Opportunity Fund guidelines for the purpose of providing guidance and support to successfully fulfill its mission as outlined in the Commission on Higher Education (CHE) regulations.

The EOP Community Advisory Board at Rider University draws its membership from local citizens.

EOP is a state-funded program that helps low-income New Jersey residents attend college. The purpose of this program is to provide access to higher education to students who may normally be denied an education due to affordability, lack of academic preparation, or the absence of sufficient guidance to aspire to higher educational goals.

EOP is an academic support program that provides financial aid assistance to its students. Students are admitted to EOP when they have demonstrated academic readiness, potential, determination, a genuine desire to learn, and a need for financial assistance. Students are interviewed by the EOP staff before being admitted into the program.

Memberships

Rider is a member of the Association of American Colleges, the American Council on Education, the New Jersey Association of Colleges and Universities, the National Commission on Accrediting (not an accrediting agency), the American Association of Colleges for Teacher Education, the National Association of Business Teacher Education, the Middle Atlantic Association of Colleges of Business Administration, AACSB International — The Association to Advance Collegiate Schools of Business, and the National Association of Schools of Public Affairs and Administration.

Rider University is also a member of the National Collegiate Athletic Association (NCAA) Division I for both men’s and women’s athletics. The University offers 20 varsity sports—10 men’s and 10 women’s teams—and is a member of the Metro Atlantic Athletic Conference (MAAC).

Accreditations

The University’s many specialized accreditations attest to the quality of its academic programs. Rider is among the select business schools to have attained AACSB International (Association to Advance Collegiate Schools of Business) accreditation and the only school in New Jersey to hold the specialized AACSB accreditation in accounting. Elementary and secondary education programs and their applicable graduate programs on both campuses are accredited by the National Council for the Accreditation of Teacher Education (NCATE). The undergraduate and graduate music programs of Westminster Choir College are accredited by the National Association of Schools of Music (NASM). In addition, Rider’s graduate counseling services program in the School of Education holds the Council for Accreditation of Counseling and Related Education Programs (CACREP) national accreditation. Rider University is regionally accredited by the Middle States Association of Colleges and Schools.

• Liberal Studies
• Management and Leadership
• Marine Sciences
• Marketing
• Marketing Education
• Mathematics
• Philosophy
• Political Science
• Psychology
• Russian
• Secondary Education (English, Mathematics, Foreign Language, Science, Social Studies)
• Sociology
• Spanish

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Students receiving an EOP grant may also be eligible for other state and federal grants.

The program provides a comprehensive and rigorous academic experience designed to enhance students’ persistence and, most importantly, lead to graduation. The program provides orientation; personal, academic, and career counseling; tutorial assistance; leadership development; and peer mentoring. All students who qualify for EOP participate in a mandatory five-week Pre-Freshman Summer Program. The summer program acclimates students to the rigors of academic life and the university environment.

**The Role of the EOP Community Advisory Board at Rider University**

The Educational Opportunity Program Community Advisory Board at Rider University serves as an advocate for internal and external constituencies to develop and promote the goals for the Educational Opportunity Program (EOP) and to support Rider University’s continued commitment to cultural diversity. The Rider University EOP/CAB fulfills this mission by:

- Identifying potential EOP students to Rider University;
- Aiding EOP staff in developing, coordinating, and enhancing retention programs;
- Securing resources for programs;
- Fostering an awareness and understanding of EOP in the broader Rider University community;
- Providing meaningful extracurricular, educational, and social programming opportunities for EOP students;
- Actively participating in fund-raising for EOP;
- Serving as a catalyst for employment and internship opportunities;
- Keeping abreast of higher education issues as they affect the EOP, Rider University, and the State of New Jersey;
- Participating in University events, other Rider committees, and professional and community organizations.
Core Curriculum and Study Opportunities

www.rider.edu
Core Curriculum and Study Opportunities

Degrees
At its Lawrenceville campus, Rider University offers programs leading to five undergraduate degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Science in Education, Bachelor of Science in Business Administration, and Associate in Arts. Undergraduate degrees in Bachelor of Music and Bachelor of Arts in Music, offered at Westminster Choir College in Princeton, are described in a separate catalog. Rider may, through its academic governance process, change its academic policies and its degree requirements at any time. Any major change will include an implementation schedule that will take into account the impact upon matriculated students and that will clearly establish the applicability of the change on currently matriculated students.

Core Curriculum: General Skills Requirements
The University community believes that essential to the college experience is the development of skills in critical thinking, communication, and computation. These skills develop throughout students' academic programs to provide links among academic disciplines and to support students' intellectual progress and academic and career success. Principles of critical thinking are embedded in Rider University courses across the disciplines and are supported by curriculum development workshops for faculty. Core curriculum requirements are stated below.

All students entering the University as freshmen as of September 1, 1996, and thereafter, are required to fulfill the general skills requirements of the core by completing the following:

**Reading:** appropriate score on placement test or CRC-100S: Introduction to Academic Reading (paired with a content course) (2 supplemental education units) or CRC-101S: Introduction to Academic Reading (self-contained) (2 supplemental education units)…….0*

**Writing:** CMP-115: Introduction to Expository Writing; CMP-120: Expository Writing (or BHP-100P: Honors Seminar: Great Ideas I) and CMP-125: Research Writing (or CMP-203: Literature and Composition or BHP-150: Honors Seminar: Great Ideas II)…………6–9*

**Computation:** as required by student’s college .................................3–6**

*Preparatory courses (bearing supplemental education units rather than graduation credits) may be required in reading, and computation, as determined by placement testing. Supplemental education units count toward a student’s academic load and corresponding tuition charges, but do not affect the student’s grade point average or credits toward graduation.

Summer Session
Administered by the College of Continuing Studies, the summer session provides students with an opportunity to enrich their personal or professional backgrounds, complement work taken during the fall and spring semesters, and accelerate their academic programs. Summer session includes two six-week day sessions and two six-and-one-half week evening sessions. Further information about the summer session, including course offerings and application information, is included in the summer session catalog, available from Continuing Studies.

Study Abroad Program
Study in a foreign country provides a unique opportunity for students to grow intellectually through exposure to the customs, habits, and languages of different cultures. Study abroad complements student educational experiences and helps prepare students for the global community in which they will live and work. Study experiences are available in many locations through Rider affiliated programs including such destinations as Austria, Australia, Belgium, Chile, China, Costa Rica, England, France, Hungary, Ireland, New Zealand, Puerto Rico, Scotland, Spain, and The Netherlands. Official Rider University agreements with partners such as IFSA-Butler, The American Institute for Foreign Study, and InterStudy facilitate study at some sites. Foreign language skills are an important consideration for study abroad (though some of these sites provide instruction in English). For students majoring in business, a program taught primarily in English has been established in Paris, France.

A minimum 2.5 cumulative grade point average at Rider University is required to apply to study abroad. In some cases, host institutions may require a higher cumulative grade point average. Most students elect to participate during their junior year and may elect to be abroad for one or two semesters. Applications must be completed and returned to the Study Abroad Office by March 1 for the fall term, and by October 1 for the spring term. As part of the process, applicants are required to submit an essay stating their reasons for wishing to study abroad. Two faculty recommendations are also required. Student participants will be provided with orientation information sessions and current foreign study site requirements.

In order to continue financial aid while abroad, students must have courses to be taken at the foreign site approved by Rider. Such courses must be directly related to progress toward graduation. As part of the application process, all students must complete a formal financial aid agreement. In rare cases instructional costs may exceed the costs at Rider University. In such cases students will be billed for the differential in cost.

Transportation and housing costs vary from site to site and are the responsibility of the student in most cases. Housing at foreign institutions may vary from residence halls at some sites, to pre-arranged apartments at others, to living with local families at still other sites. Housing arrangements are made through on-site advisors who work with Rider University to assist students with housing, adapting to life in another culture, and even assisting with course enrollment or travel plans.

Credit for study abroad is available for foreign language study, culturally oriented courses, core requirements, and for requirements of major
and/or minor programs. The appropriate dean's office should approve courses before students enroll at study abroad sites. Credits awarded typically range from 12 to 17 per term. According to Rider academic policy, transcript credit for study abroad is awarded as PASS/FAIL based on the number of contact hours for courses taken as they correspond to those at Rider and the earning of a C grade or better for each course. For Rider affiliated programs, the site of foreign study, courses satisfactorily completed at that site, and the Rider equivalent courses will appear on the official Rider transcript for each student. Credit for courses previously completed at Rider will not be transferred.

Additional information is available on the Rider University Study Abroad Web site. Information is also available in the Study Abroad Office. Further information on the business program in Paris is available through the office of the dean of the College of Business Administration.

**BA, BS/MBA Program**

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

A two-step admission process for this program carefully tracks students through the course requirements and ensures that only capable students are enrolled. Students apply for admission to the program during their first semester. Freshman students are strongly encouraged, when they start classes, to seek advice about the program from the deans’ offices in business administration and liberal arts and sciences. Certain courses must be completed in the freshman and sophomore years if the student intends to complete the program within 10 semesters.

Step one of the admission process occurs prior to the beginning of the student’s junior year (defined as 54 earned credit hours) and assumes completion of the first seven required business courses. The criteria considered in the step one admission decision are as follows:

- GPA (a minimum 3.0 is required);
- An interview with the director of the MBA Program;
- A statement of objectives prepared by the student that presents the student’s reasons for wanting to enter the program;
- Completion of the required freshman and sophomore classes.

Step two of the admission process occurs in the first semester of the senior year. The student will apply through the Graduate Admissions Office. The process involves the following:

- A completed application for admission to the MBA program, accompanied by a $50 nonrefundable application fee;
- Receipt of official transcripts from every college or university attended (including Rider University);
- A score on the Graduate Management Admissions Test (GMAT) that, combined with the GPA, shows evidence to the Graduate Admissions Committee of ability to do graduate work at the high level established for the MBA Program. Students are advised to take the GMAT exam in the summer between the junior and senior years.

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

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

Students in the program will complete all the courses required in the liberal arts core as well as those courses necessary to satisfy the requirements for a major in liberal arts and sciences. These courses will be completed in the first eight semesters along with the following courses offered by business administration comprising the undergraduate business core:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC-210</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACC-220</td>
<td>Managerial Uses of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECO-200</td>
<td>Principles of Macroeconomics</td>
<td>3*</td>
</tr>
<tr>
<td>ECO-201</td>
<td>Principles of Microeconomics</td>
<td>3*</td>
</tr>
<tr>
<td>FIN-300</td>
<td>Introduction to Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGT-201</td>
<td>Fundamentals of Management and Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKT-200</td>
<td>Marketing Principles</td>
<td>3</td>
</tr>
<tr>
<td>MSD-105, 106</td>
<td>Quantitative Methods for Business I, II</td>
<td>6*</td>
</tr>
<tr>
<td>MSD-200, 201</td>
<td>Statistical Methods I, II</td>
<td>6*</td>
</tr>
<tr>
<td>CIS-185</td>
<td>Introduction to Computing</td>
<td>3</td>
</tr>
<tr>
<td>CIS-485</td>
<td>Management Information Systems</td>
<td>3*</td>
</tr>
</tbody>
</table>

**Total credits** 39

*May be considered either business or liberal arts course.

In the last semester of the senior year, after the second stage of admission, students must take:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBAD-502</td>
<td>Operations Management</td>
<td>3*</td>
</tr>
</tbody>
</table>

*May be considered either business or liberal arts course.

In the ninth and 10th semesters the following graduate courses must be completed:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBAD-760</td>
<td>Advanced Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MBAD-770</td>
<td>Marketing Analysis and Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>MBAD-730</td>
<td>Economic Analysis and Decision Making</td>
<td>3</td>
</tr>
</tbody>
</table>

(Note: MSD-106 Quantitative Methods II or an equivalent calculus course must be completed before the student may take MBAD-730)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBAD-740</td>
<td>Financial Analysis and Decision Making</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(Required)</td>
<td>6</td>
</tr>
<tr>
<td>MBAD-780</td>
<td>Strategic Planning and Policy</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

(Note: One elective must be an international course.)

**Total Credits** 30

**Note:** There is not a specific five-year program for business majors. All business majors may apply directly to the MBA program. If accepted, the student may be able to complete the 30-credit MBA in a single year.
Calculus is a precondition for the MBA. Students should take MSD-106 (Quantitative Methods for Business II) as a free elective in the undergraduate program.

Further information concerning the MBA and MAcc programs, including course sequence forms, is available from the business administration or liberal arts and sciences deans’ offices.

**Baccalaureate Honors Program**

The Baccalaureate Honors Program (BHP) is the University-wide honors program designed to enrich the educational opportunities available to Rider students of proven intellectual ability who choose to become Baccalaureate Scholars. Interdisciplinary in orientation, the program enables the Baccalaureate Scholars to explore diverse forms of thought, expression, and institutions past and present—an exploration that will enable them to meet future challenges with confidence. Through a series of team-taught seminars and other honors courses, colloquia and symposia, personal contact with faculty, as well as the honors thesis, the scholars extend their ability to think critically about the great themes of their human heritage.

Students are invited to join the Baccalaureate Honors Program as entering freshmen and may apply as currently enrolled or as transfer freshmen or sophomores. In general, students in the top 10 percent of each College’s entering class are invited. Students currently enrolled at Rider must have at least a 3.3 GPA at the time of application to the program.

Other qualified students with a 3.3 grade point average, including juniors and seniors, may enroll in particular honors seminar courses with the approval of the director.

Most BHP courses replace core requirements. In addition, Honors sections of single-discipline courses designated in the course roster assist in fulfilling BHP requirements.

In order to graduate with Baccalaureate Honors, the student must complete seven honors seminars and a senior baccalaureate honors thesis or a departmental honors thesis with at least a GPA of 3.3 or higher.

Honors seminars are designated on student transcripts, whether or not the student completes the Baccalaureate Honors Program. Upon the successful completion of the program, the student receives an appropriate certificate. Successful completion will also be noted on the transcript and the commencement program.

**Introduction to Academic Reading Course**

Introduction to Academic Reading (CRC-100S), paired with a content course, or CRC-101S (self-contained), is a required core course for first-year students who do not meet the placement criteria for college-level reading. Both classes are 2 supplemental education units. Their purpose is to increase students’ abilities to comprehend college-level texts by practicing a variety of efficient reading and learning strategies. Students taking 100S must also be enrolled in the targeted content course and section, and will apply reading and study techniques to learning in the paired course. Students in 101S will practice learning strategies with representative college-level materials.

**College Reading Course**

College Reading (CRC-100) is a three-credit elective course for students who have met the placement criteria for College Reading or who have successfully completed Introduction to Academic Reading (CRC-100S or CRC-101S). Students will develop or improve reading comprehension skills and study strategies that will enable them to enhance academic performance across the curriculum. Call 609-896-5244 for additional information about this course.

**Study Strategies Workshop**

Study Strategies Workshop (NCT-099) introduces specific reading and study strategies related to the demands of a content course. In order to enroll for this workshop, students must co-register for the content course with which it is paired.

**Rider Learning Center (RLC)**

The Rider Learning Center located in the Joseph P. Vona Academic Annex, Rooms 1, 2 and 3, offers tutoring in reading comprehension, study strategies and writing. Professional staff also facilitate reading/writing and study strategy workshops, both in the center and on an outreach basis, and work cooperatively with professors to provide study strategy instruction oriented towards specific course demands. The Rider Learning Center is staffed by professional tutors with advanced degrees, graduate students, and student writing associates who have been selected for and have completed a three-credit course in the writing process. Our tutor training program is nationally certified, and tutoring assistance is free to all Rider students. Additionally, the center offers a computer lab for student use. The center is open Monday–Thursday, 10 a.m.–7 p.m., and Friday, 10 a.m.–2 p.m. For further information or to schedule an appointment, call Rider Learning Center (reading, study strategies, writing) at 609-895-5640.
Services for Students with Disabilities

Services for Students with Disabilities, located in Joseph P. Vona Academic Annex, Room 8, offers a range of support services to assist students with disabilities. These services include:

- Screening and referral for new or updated disability documentation;
- Assistance with requests for academic adjustments;
- Supplementary informal assessment;
- Advice to and consultation with faculty and staff;
- Individualized assistance;
- Assistance with environmental adaptation needs.

Call 609-895-5492 for further information.

Policy for Assisting Students with Disabilities

Any Rider student who supplies the University with appropriate documentation of a disability is eligible on a case-by-case basis for reasonable accommodations, such as auxiliary aids, adjustments in academic examination time limits and locations, and various kinds of support services. Responsibility for administration of this Disability Policy falls under the office of the university provost.

Students with disabilities should contact the appropriate university official at the Education Enhancement Program (Joseph P. Vona Academic Annex, Room 8, 609-895-5492) for initial screening and referral.

Students with physical, visual, hearing, health or psychological disabilities at Westminster Choir College should contact the Westminster Dean of Students Office (Student Center, 609-921-7100, ext. 8263) for initial screening and referral.

In order to review and ultimately accommodate known and suspected disabilities, the University should be provided with documentation of the disability by an appropriate professional. Such documentation should include:

- A diagnostic statement identifying the disability;
- A description of the diagnostic criteria and/or diagnostic tests used;
- A description of the functional impact of the disability;
- Information regarding relevant treatments, medications, assistive devices and/or services currently prescribed;
- Recommendation for adjustments, adaptive devices, assistive devices, and support services;
- The credentials of the diagnosing professional.

(Students without documentation who suspect a disability should see the appropriate university official for informal assessment.)

Only students with documented disabilities that interfere with their ability to meet the requirements of an academic course or program are entitled to reasonable accommodations, such as course adjustments and auxiliary aids. A reasonable accommodation is one that enables the disabled student to fulfill the essential requirements of the academic course or program; a reasonable accommodation does not waive or eliminate essential academic requirements.

The appropriate university officials identified above and their staffs evaluate the disability documentation provided by the student, collect additional information from the student, and gather information from relevant educational support personnel, medical and psychological professionals, and other pertinent sources. When the student’s disability has been documented fully and potential reasonable accommodations have been identified, the student is encouraged to present the Notice of Academic Adjustments Form to individual faculty and discuss the adjustments with each professor. Faculty members may contact the appropriate university official at any time for clarifying the accommodation. A joint meeting of the appropriate university official and the faculty member with the student will be held to resolve questions concerning the reasonableness of the proposed accommodations. The student, likewise, is entitled to initiate this procedure.

In the event that such a meeting among the appropriate university official, the faculty member, and the student does not resolve any open issue(s), a qualified university official designated by the provost will meet with them and assist in resolving the open issue(s). Where a curricular modification is requested, that official normally will be the relevant dean, who will decide the reasonableness of the request in close consultation with the affected faculty member(s) and appropriate University official(s).

The policy is designed to ensure the University’s compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act and the New Jersey Law Against Discrimination, and to enable every Rider student with a disability to enjoy an equal opportunity to achieve her/his full potential while attending this University. Because no policy can anticipate every possible student request, Rider reserves the right to vary this policy under appropriate circumstances on a case-by-case basis.

The Mathematics Skills Lab (MSL)

The Mathematics Skills Lab (MSL), located in the Joseph P. Vona Academic Annex, Room 23, provides tutorial services, structured workshops, and computer-assisted instruction in developmental and college level mathematics. The MSL, directed by the department of mathematics administers the mathematics placement test to all incoming students. It also offers the course MTH-100S Math Skills Lab (1 supplemental education unit) for students majoring in liberal arts and sciences and education. This course was developed to help students master elementary algebra skills necessary for college level mathematics.

In addition to basic skills development, peer and professional tutorial support is provided for students taking finite mathematics, algebra and trigonometry, and other liberal arts and science mathematics courses. Professional staff provides weekly structured workshops for students taking the math skills lab course and tutorials for students preparing for the algebra and trigonometry qualifying exam. Call 609-896-5305 for more information or to schedule an appointment.
The Student Success Center

The Student Success Center offers Rider University students free programs and services designed intentionally to maximize student involvement in their own learning and development. Our staff of administrators and trained peer tutors, peer assistants, and student success coaches work collaboratively with students as they discover options for creating academic and personal success. Our programs and services include peer tutoring and supplemental instruction for most undergraduate courses taught at Rider and comprehensive support programs for provisionally admitted first-year students and for students on academic probation. The Student Success Center is located in the Bart Luedeke Center, suite 237. For information, call 609-896-5008 or e-mail StudentSuccessCenter@rider.edu.

Tutoring Services

Tutoring Services provides peer tutors for students who request extra help with their courses. Students may schedule individual or group appointments online through the TutorTrac link on the Rider homepage or participate in tutor-led study groups in many content courses at Rider. Our tutors are highly qualified Rider University students who are recommended by their professors as tutors and then trained through our internationally certified tutor training program. Tutoring assistance is free to all Rider students. The Tutoring Services office is located in the Student Success Center and can be reached at 609-896-5008 or through e-mail at turgservs@rider.edu.

Supplemental Instruction

Supplemental Instruction (SI) is an academic assistance program that is highlighted by the collaboration of faculty with both the SI Leader who receives special training and attends class and members of the Student Success Center staff. Students enrolled in targeted courses attend regularly scheduled informal review sessions during which they work in groups to compare notes, discuss reading assignments, develop review techniques and prepare for exams. Students who attend these sessions practice integrating content with learning strategies. Supplemental Instruction is offered to students at no cost. Information regarding this program can be obtained by contacting the Student Success Center at 609-896-5008.

Students on Academic Probation (REACH Program)

The Student Success Center offers Raising Expectations for Academic CHange, a program that presents students on academic probation an opportunity to REACH their academic goals by providing them with the tools and strategies needed to succeed in their studies. Students meet Student Success Center coaches to set goals and determine the adjustments needed to be made to create the mindset necessary to succeed in college. Student Success Center coaches meet with students regularly to review their progress and to recommend tutoring and workshops. Information regarding this free program can be obtained by contacting the Student Success Center at 609-896-5008.

Rider Achievement Program

The Rider Achievement Program (RAP) is a unique academic program at Rider University designed to assist students who have the potential to succeed in the college environment, but whose academic record does not meet the regular admission criteria. This highly specialized and structured learning experience provides the students with the tools needed to have a successful freshman year. Throughout their first year, students in the RAP program are enrolled in linked courses, participate in academic coaching and tutoring, attend a freshman seminar designed specifically for students in this program, and enjoy a variety of social events and activities. Freshmen admitted to the Rider Achievement Program are required to be part of this specially designed first-year program, as well as the Summer Bridge Program. The Rider Achievement Program office is located in the Bart Luedeke Center, Room 262. Call 609-896-5238 for more information.

Educational Opportunity Program

The Educational Opportunity Program (EOP) is a state-funded program that helps low-income New Jersey residents attend college. The purpose of this program is to provide access to higher education to students who may normally be denied an education due to lack of academic preparation, or the absence of sufficient guidance to aspire to a baccalaureate degree.

EOP provides students with academic support as well as financial assistance. Students receiving an EOP award may also be eligible for other state and federal grants. The program provides a comprehensive and rigorous academic experience designed to enhance students’ persistence that ultimately leads to graduation. Services provided by EOP include, but are not limited to, tutorial assistance, personal, career, academic, and financial counseling and peer mentoring. All students admitted to EOP participate in a mandatory five-week pre-freshman residential summer program. The summer program acculturates students to the rigors of college life and the university environment. For more than thirty years, the Educational Opportunity Fund (EOF) has been providing access through excellence, enabling eligible students to obtain a college education.

EOP at Rider serves both the Lawrenceville and Princeton (Westminster) campuses. The Lawrenceville EOP office is located in the Joseph P. Vona Academic Annex, Room 6. The telephone number is 609-896-5381. The office is staffed by Rubin Joyner, director; Ida Tyson, associate director; Amber Henley, academic counselor; and Debbie Venello, administrative secretary. The Princeton EOP office is located in Williamson Hall, Room 6, second floor. The telephone number is 609-921-7100, extension 8220. The office is staffed by Evelyn Thomas, director of academic support services and coordinator of EOF and Janett Guthrie, administrative secretary.
Student Support Services Program
(TRIO Program)
The Student Support Services (SSS) Program is a comprehensive support services program that provides ongoing academic assistance primarily to first generation college students. The program offers a range of services and activities that are designed to assist students with their academic performance, skills development and retention through graduation. Overall, the program promotes an atmosphere that fosters students' growth and independence and provides a supportive environment that enables participants to fulfill their educational, career, and personal aspirations.

An array of services is offered to students, including assessments of students' educational needs and goals; professional and peer tutoring; individual/group counseling; peer mentoring; financial guidance; career exploration; and graduate school preparation. In addition, the SSS program provides workshops and seminars that directly respond to issues of importance to participants. All activities and support services are tailored to meet the particular needs and interests of the individual student.

The program is open to Rider students who are first-generation college students (i.e., neither parent has completed a four-year college degree), who have a need for academic support, and/or have incomes that fall within federal guidelines. Students who have a documented physical or learning disability are also eligible for program services.

Students interested in enrolling in the program are invited to visit or call the SSS program office for an application and brochure located in the Joseph P. Vona Academic Annex, room 17; the phone number is 609-895-5614 and the fax number is 609-895-5507.

This program is sponsored in partnership with Rider University and the United States Department of Education.

Leadership Development Program
(6 semester hours)
The Leadership Development Program at Rider is a university-wide program that welcomes all majors. The guiding assumption underlying this program is that every one of us has opportunities to be a leader and a role model for someone. A person does not have to be a CEO, elected official, or designated leader to make a difference.

We define leadership as a process in which one individual influences others to attain goals for the common good. To lead effectively requires skill in communicating, influencing, and teamwork. These are interpersonal skills that can be learned. They have been identified by Rider University, The Wall Street Journal, and the Center for Creative Leadership as the keys to career and life success.

The Leadership Development Program also emphasizes career development. Helping our students achieve career maturity will allow them to develop satisfying and meaningful occupational identities through which to express their leadership aspirations.

Leadership training at Rider combines traditional classroom learning with intensive skill training and supervised leadership experience through co-curricular activities, experiential learning, fieldwork, and community service. Developmental experiences are provided throughout a student's academic career.

Students are invited to join the Leadership Development Program as entering freshmen. Currently enrolled and transfer freshmen, sophomores, and juniors may also apply. For all students, a commitment to personal leadership development and demonstrated ability to perform well academically are important criteria for admission to the program. For juniors, demonstrated leadership involvement is also important.

The Leadership Development Program is housed within the Center for the Development of Leadership Skills, located in Sweigart Hall, room 249.

To receive the Certificate in Leadership students must successfully complete the following:

- Foundations of Leadership course
  (3 credits; must obtain a B or better)
- Leadership Skills Training
  (12 skill-building workshops and seminars)
- Ethics or Multicultural Studies elective
  (3 credits; must obtain a B or better)
- Career Development Workshops
  (non-credit workshops designed especially for LDP students)
- Leadership Practicum
  (120 units of supervised leadership experience)

Information about the Foundations of Leadership course can be found in this catalog under Leadership Development Program in the chapter entitled Course Descriptions.

At graduation, students who have successfully completed the requirements listed above will receive a certificate in leadership. Their completion of the Leadership Development Program will also be noted on their transcripts and in the commencement program.
The Army Reserve Officers’ Training Corps (ROTC) provides college-trained officers for the U.S. Army, the Army National Guard, and the U.S. Army Reserve.

The ROTC course of study is a four-year program, divided into two phases: the basic course, and the advanced course. Students entering Rider after September 1995 do not receive academic credit for Army ROTC courses and must pursue the courses of study at an off-campus location.

The Basic Course
The basic course is designed for freshman and sophomore full-time college students, and consists of military science introductory courses. Course work during the four semesters of the freshman and sophomore years includes management principles, national defense, benefits of military service, military history, leadership development, tactics, map reading, and military customs, courtesy and discipline. The basic course does not require uniforms or special haircuts. Books are provided. Unless the student is an ROTC scholarship recipient, there is no military obligation associated with the basic course, and students can withdraw from the program as they would from any other college course of instruction.

The Advanced Course
The advanced course is designed for junior and senior full-time college students. Once enrolled in the advanced course, students are obligated to complete the program and to accept a commission in the Army as a second lieutenant and an assignment in the active Army, the U.S. Army National Guard, or the U.S. Army Reserve. Course work includes leadership development, orienteering, tactics, communications, ethics and professionalism, advanced military management practices, practical leadership labs, contemporary military issues, and physical fitness training. Enrolled students are paid a stipend of $100 per month and attend a summer leadership training camp between their junior and senior years for which they are paid about $700. Additionally, enrolled students who are already members of the U.S. Army Reserve or Army National Guard, or those seeking to join, have the opportunity to earn an additional $135 or more per month by joining the Simultaneous Membership Program (SMP). These students attend one drill weekend per month with their units as officer trainees.

A two-year program is available for qualified full-time students who have already completed their sophomore year but have not taken the basic course or who have had prior military service and/or training.

Activities
Army ROTC students participate in many extracurricular activities such as weekend training exercises, orientation trips, Color Guard ceremonies, drill team competitions, rifle marksmanship competitions, intramural sports, national military societies, and Ranger Club activities (skiing, rock climbing, white-water rafting, etc.).

Additional details about the ROTC program are available from a professor of military science by calling 609-258-4225 or 4226.
College of Business Administration
College of Business Administration

Business administration is for anyone who wants to develop the skills needed to turn ideas and dreams into reality. Whether it’s creating your own company or rising to the top of a major corporation, the key is having the skills to make it happen.

In each of its 12 majors, the College of Business Administration (CBA) seeks to develop in students the skills needed to perform effectively in a variety of organizational settings—small business, multinational corporation, service industry, not-for-profit, family company, Wall Street—depending upon the student’s interests and goals. Each program is designed to provide an educational experience for the whole person by combining theory and practice. Business students participate in a learning environment that offers both the practical skills needed to launch a career and the learning skills needed for continued growth.

Mission Statement

The mission of Rider University’s College of Business Administration is to provide a quality business education based on dynamic and innovative curricula to build professional competencies that enable our graduates to be productive, socially responsible participants in the rapidly changing global marketplace.

We create a supportive academic environment and provide our students opportunities for experiential learning. Our programs develop communication, interpersonal, teamwork, leadership, critical thinking and problem solving skills.

We are committed to continuous improvement as we strive for excellence. We ensure an infusion of current theory and practice in our curricula through scholarly research, professional activity and extensive business partnering.

Key Objectives

To support students in preparing to perform effectively in the workplace and to continue to grow as individuals, the CBA seeks to realize the following key objectives for its undergraduate program:

• To provide an outstanding faculty of teacher/scholars in the business fields who bring to the classroom a wide range of diverse expertise and who emphasize teaching excellence as well as research and scholarship;

• To develop an understanding of the functions of business, an ability to apply the tools and skills that will solve business and organizational problems and an appreciation for the global environment of organizations in society;

• To offer sufficient breadth and depth in the curriculum to enable the student to achieve a level of competence in a major, while providing opportunities for independent study, skill-building and learning through experience;

• To ensure a useful balance between professional course work in the functional areas of business administration and study in the liberal arts and sciences;

• To foster the development of leadership qualities and to encourage an attitude that values continuing education.

To remain strongly competitive, the CBA maintains high visibility and involvement in the corporate community outside of Rider. It seeks to be regarded by that community as a useful and valuable resource of educational knowledge, business and management talent, economic expertise and applied research, in addition to a well-established reputation as an excellent source of college graduates in business. Students and faculty are involved regularly in real business situations through internships, meetings and programs of the Business Advisory Board, the Accounting Advisory Council of the CBA, special programs for the community such as the Volunteer Income Tax Assistance (VITA) program coordinated by the department of accounting, Minding Our Business (a mentoring program of entrepreneurship for inner city students), and many student clubs and organizations.

There continues to be rapid change in technology and its application to business, organizational process and as a component of the product-service offerings. The CBA has embedded the study and use of technology into the curriculum with specific, required courses (CIS-185, CIS-485) and in a variety of courses across the business curriculum. Technology is also addressed, in depth, through a variety of electives, including ACC-320 Accounting Information Systems, CIS-340 Electronic Commerce and FIN-315 Computerized Financial Casework. The Computer Information Systems (CIS) major is designed for students who intend to specialize in technology.

Starting in Fall 2005, with incoming freshmen, the CBA began requiring the use of laptops across the business curriculum.

Regardless of the functional area of business that students select for their career, they will be impacted by what occurs in the world of technology-enhanced business practices. Rider’s courses will continue to adapt and change as this fast-paced environment continually reinvents itself.

Professional Accreditation

Rider University’s College of Business Administration programs were accredited by AACSB International—The Association to Advance Collegiate Schools of Business in 1993 and reaffirmed in 2007. In addition, the accounting program was further recognized for excellence with accreditation in accounting by AACSB International in 2000 and reaffirmed in 2007.
Freshman Seminar

Freshman seminar is a structured advising experience for new students enrolled in the CBA. Its purpose is to support students in making a smooth transition from high school to college by providing information and guidance in such areas as time management, study skills, and effective use of Rider’s resources. It is noncredit and offered without any additional tuition charge. Participation in freshman seminar is required for all freshmen entering Rider. For further information, contact Ira Mayo, 609-896-5195.

DAARSTOC

Developing Administrative Abilities and Resources Through the Synergistic Training of Organizational Competencies (DAARSTOC) is an extracurricular program designed to help students propel their careers by developing people management skills. Students learn to interact with subordinates through role plays and group designs. Some of the skills learned are: being “upfront” in appropriate ways, becoming aware of non-verbal behavior and maintaining a problem-solving focus. The program is very selective but is open to all full-time undergraduate students. Applications are available at the CBA Dean’s office counter.

Business Honors Program

Approximately 30 students who have applied for, and have been accepted to Rider University’s College of Business Administration, will be invited to participate in the Business Honors Program. These students will be chosen based on their SAT scores and high school GPA. An additional 10 students will be chosen after the end of the fall semester based on GPA.

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

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>Semester</th>
<th>Honors Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>Fall</td>
<td>Freshman Seminar, CBA-110 and CIS-185</td>
</tr>
<tr>
<td>Freshman</td>
<td>Spring</td>
<td>ECO-200</td>
</tr>
<tr>
<td>Sophomore</td>
<td>Fall</td>
<td>ACC-210 and ECO-201</td>
</tr>
<tr>
<td>Sophomore</td>
<td>Spring</td>
<td>MGT-210 and MKT-200</td>
</tr>
<tr>
<td>Junior</td>
<td>Fall</td>
<td>BUS-300 and FIN-300</td>
</tr>
<tr>
<td>Senior</td>
<td>Fall</td>
<td>CIS-485</td>
</tr>
<tr>
<td>Senior</td>
<td>Spring</td>
<td>BUS-400</td>
</tr>
</tbody>
</table>

In order to successfully complete the honors program, a student will have to do the following:
1. Complete 8 of the 11 courses, one of which must be BUS-400.
2. Have a minimum GPA of 3.4 in all honors courses.
3. Have a minimum GPA of 3.4 overall. Upon successful completion of the honors program, a student will receive a special honors designation on his/her transcript, an honors award, and special recognition at graduation.
4. Complete a non-core CBA honors course.
5. Complete an honors thesis.

BSBA/MBA Option

It is possible to apply to the graduate business program after completing 90 credits in a Rider undergraduate business degree program. Those students admitted may enter the program upon the completion of the BSBA degree. Courses waived should permit them to graduate in one year (by taking an additional 10 courses of graduate work). Students considering an MBA should take MSD-106 Quantitative Methods for Business II as an undergraduate elective. Accounting students should see the description under the requirements for the accounting major for entering the MAcc program. Also see the Graduate Academic Catalog.

Undergraduate Departments

The following are the eight undergraduate departments of the CBA: accounting, business policy and environment, computer information systems, economics, finance, management and human resources, management sciences, and marketing.

Degrees

The CBA offers curricula at the undergraduate level leading to the degree of Bachelor of Science in Business Administration (BSBA). (For master’s level work, see Graduate Academic Catalog.)

Major Fields of Study

The CBA offers major fields of professional study in accounting, actuarial science, advertising, business administration, computer information systems, economics, entrepreneurial studies, finance, human resource management, international business, management and leadership, and marketing.

Selection of a Major

Students who are undecided regarding an area of business specialization are enrolled as undeclared majors until they choose a major. However, students should elect a major and receive approval of such major by the CBA Dean’s office before the end of their fifth semester or completion of 60 credits.

A student may elect to double major, but there is no guarantee that the student will be able to complete the second major within the 120 credit hours required for graduation.

Minor Fields of Study

Business students are permitted to take a minor in one of several fields in liberal arts and science. Students interested in such a program should see the dean of liberal arts, education and sciences, the chairperson of the appropriate department, or the program director.

The CBA offers the following minors to nonbusiness students: for communication majors only, a minor in advertising; a minor in sales management, a minor in computer information systems and a minor in general business for all nonbusiness majors.

In addition, the CBA offers a minor in health administration (open to all majors—business and nonbusiness).
Concentrations

In addition to minors and majors, the CBA offers a concentration specific to business majors only in the area of entrepreneurial studies. Note: Entrepreneurial studies is also offered as a major.

Basic Core of Knowledge

Students in the CBA are required to take a core of business courses designed to provide them with a solid foundation in business. These basic requirements are:

- A background of the concepts, processes, and institutions in the production and marketing of goods and/or services, and the financing of the business enterprises or other forms of organization. This portion is covered in such courses as Principles of Marketing, Introduction to Finance and Production and Operations;

- A background of the economic and legal environment as it pertains to profit or nonprofit organizations, along with ethical considerations and social and political influences as they affect such organizations. Courses that satisfy this requirement are Principles of Macroeconomics, Principles of Microeconomics, the Social and Legal Environment of Business, as well as several elective courses;

- A basic understanding of the concepts and applications of accounting, quantitative methods, and management information systems, including computer applications. This area is covered through such courses as Principles of Financial Accounting, Managerial Uses of Accounting, Statistical Methods I and II, Introduction to Computing, and Management Information Systems;

- A study of organization theory, behavior and interpersonal communications. Course work in Fundamentals of Management and Organizational Behavior covers this area, as well as courses in composition and speech;

- A study of administrative processes under conditions of uncertainty, including integrating analysis and policy determination at the overall management level. The course Strategic Management and Policy that serves as the capstone course provides the necessary coverage in this area.

In addition to these courses, all students in the CBA are required to complete a program of study prescribed by the department in which they are enrolled. This phase of study is the student’s major that begins in the junior year. The courses in the major are designed to provide the student with a general competence in one of the principal areas of business.

At least nine semester hours of credit in the area of a student’s major must be taken at Rider, except in the accounting area that requires 12 semester hours.

Students are required to enroll in additional business courses of their own choosing. All students, except accounting majors, must acquire 18 semester hours in their major and six business elective credits (the international business elective can come from the major or business elective area).

Students are required to have 54 semester hours completed before enrolling in 300- or 400-level business courses.
All CBA students are required to choose an elective course that emphasizes global business dynamics. Courses can be used as either a major, business, or free elective. Students may choose from the following list of courses:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV-369</td>
<td>International Advertising</td>
</tr>
<tr>
<td>BUS-375</td>
<td>International Business Law</td>
</tr>
<tr>
<td>CBA-315</td>
<td>Global Business Study Tour</td>
</tr>
<tr>
<td>CBA-316</td>
<td>Nature’s Business Study Tour</td>
</tr>
<tr>
<td>CBA-317</td>
<td>Emerging Nations Study Tour</td>
</tr>
<tr>
<td>CBA-490</td>
<td>Independent Study: Global Business</td>
</tr>
<tr>
<td>ECO-305</td>
<td>International Trade and Investment</td>
</tr>
<tr>
<td>ECO-315</td>
<td>Comparative Economic Systems</td>
</tr>
<tr>
<td>ECO-365</td>
<td>The Post-Soviet Economy and U.S. Business</td>
</tr>
<tr>
<td>FIN-308</td>
<td>International Finance</td>
</tr>
<tr>
<td>MKT-375</td>
<td>International Management</td>
</tr>
<tr>
<td>MKT-330</td>
<td>International Marketing</td>
</tr>
</tbody>
</table>

**International Business Requirement**

All CBA students are required to choose an elective course that emphasizes global business dynamics. Courses can be used as either a major, business, or free elective. Students may choose from the following list of courses:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV-369</td>
<td>International Advertising</td>
</tr>
<tr>
<td>BUS-375</td>
<td>International Business Law</td>
</tr>
<tr>
<td>CBA-315</td>
<td>Global Business Study Tour</td>
</tr>
<tr>
<td>CBA-316</td>
<td>Nature’s Business Study Tour</td>
</tr>
<tr>
<td>CBA-317</td>
<td>Emerging Nations Study Tour</td>
</tr>
<tr>
<td>CBA-490</td>
<td>Independent Study: Global Business</td>
</tr>
<tr>
<td>ECO-305</td>
<td>International Trade and Investment</td>
</tr>
<tr>
<td>ECO-315</td>
<td>Comparative Economic Systems</td>
</tr>
<tr>
<td>ECO-365</td>
<td>The Post-Soviet Economy and U.S. Business</td>
</tr>
<tr>
<td>FIN-308</td>
<td>International Finance</td>
</tr>
<tr>
<td>MKT-375</td>
<td>International Management</td>
</tr>
<tr>
<td>MKT-330</td>
<td>International Marketing</td>
</tr>
</tbody>
</table>

**Residence Requirement**

For all students, of the 120 semester hours of credit required for graduation, at least 45 credit hours, including the last 30, must be taken at Rider.

Once a student has matriculated for a degree, credit for off-campus courses will be granted only with prior approval of the academic dean.

**Independent Study and Research**

Students are offered opportunities for independent study in business-related areas for which formal courses are not available. Each department in the CBA provides these opportunities during the regular semester via offerings labeled 490, Independent Research and Study. Projects may be taken by an individual or a group of students working together. Each person must submit an independent study proposal including definitive statements on the following: an elaborate, clear statement of the study’s significance; the personal significance of the study; the study’s design and objective; the utilization and expectation of on- and off-campus resources related to the study; and method to be used to demonstrate the results of the study.

Independent study proposal requests can be obtained and approved by the chairperson of the sponsoring department or the CBA Dean’s office. Such proposals must be submitted prior to the semester of the independent study and must include a timeline for completion.
Degree Programs

Accounting

Mission Statement
The Department of Accounting strives to provide our students with an intellectually-rewarding education which enables them to pursue a variety of possible career paths in the profession.

We support the mission of the college and University in fostering a challenging, yet supportive, learning environment. We recognize the need for our curricula to provide for student technical accounting competencies, for skill building and for an appreciation of interdisciplinary linkages to accounting. We value development in such areas as written and oral communications, information technology, ethics and global business perspectives.

Department faculty are dedicated to effective teaching. We recognize also the need to contribute intellectually to both the practice and pedagogy of accounting. We value our ability to provide service to our stakeholders and recognize a responsibility to work constructively with students, alumni, accounting professionals and members of the community to meet the challenges of a changing marketplace and profession.

The primary objective of the accounting curriculum is to offer courses that will give students a practical and conceptual understanding of accounting methods and techniques, with the ultimate aim of preparing them for continuing education and employment and advancement in the fields of private, public or governmental accounting. Class discussions, selected problems, and assigned and suggested readings are directed toward teaching the student to read, analyze and think critically, to exercise independent judgment, to apply appropriate technology, and to develop an awareness of ethics, social and legal responsibility.

Requirements for the Major
(24 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC-302</td>
<td>Cost Management</td>
<td>3</td>
</tr>
<tr>
<td>ACC-310, 311</td>
<td>Accounting Theory and Concepts I, II</td>
<td>6</td>
</tr>
<tr>
<td>ACC-320</td>
<td>Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ACC-400</td>
<td>Auditing and Corporate Governance</td>
<td>3*</td>
</tr>
<tr>
<td>ACC-405</td>
<td>Accounting Problems and Practice I</td>
<td>3</td>
</tr>
<tr>
<td>ACC-406</td>
<td>Accounting Problems and Practice II</td>
<td>3*</td>
</tr>
<tr>
<td>ACC-410</td>
<td>Fundamentals of Federal Taxation</td>
<td>3</td>
</tr>
</tbody>
</table>

*Fall 2005 incoming freshmen must take both ACC-400 and ACC-406. Students admitted prior to Fall 2005 have the option to take either ACC-400 or ACC-406. Students who are accepted into the MAcc program after 90 credit hours may substitute a required graduate accounting course for ACC-406.

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

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

Actuarial Science

Requirements for the Major
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN-340</td>
<td>Principles of Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>MSD-320</td>
<td>Quantitative Methods in Business Forecasting</td>
<td>3</td>
</tr>
<tr>
<td>MSD-325</td>
<td>Applied Regression and Analysis of Variance</td>
<td>3</td>
</tr>
<tr>
<td>MSD-350</td>
<td>Compound Interest Theory</td>
<td>3</td>
</tr>
<tr>
<td>MSD-440</td>
<td>Life Contingencies I</td>
<td>3</td>
</tr>
<tr>
<td>MSD-441</td>
<td>Life Contingencies II</td>
<td>3</td>
</tr>
</tbody>
</table>

Mathematics Requirements:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSD-110</td>
<td>Mathematics for Actuarial Science I</td>
<td>3</td>
</tr>
<tr>
<td>MSD-111</td>
<td>Mathematics for Actuarial Science II</td>
<td>3</td>
</tr>
<tr>
<td>MSD-112</td>
<td>Mathematics for Actuarial Science III</td>
<td>3</td>
</tr>
<tr>
<td>MTH-340, 341</td>
<td>Probability and Statistical Analysis I, II</td>
<td>6</td>
</tr>
</tbody>
</table>

It is highly recommended that students also take FIN-310 Capital Budgeting and FIN-311 Corporate Financing Decisions, as these courses are required by the Society of Actuaries and the Casualty Actuarial Society.

Students majoring in actuarial science may not take MSD-105 Quantitative Methods for Business I, nor the sequence MSD-200 and 201 Statistical Methods I and II.

For graduation, the student must achieve an overall GPA of 2.0 or better in the major, with no course grade less than C-.

Advertising

The advertising major prepares students for careers in advertising agencies, large or small, or in the advertising or promotion departments of profit or nonprofit organizations. Possible entry-level positions include media buyer, copy writer and assistant account executive. This program combines a solid background in the business disciplines with the study of communications. It emphasizes the role of advertising/promotion within the marketing communications strategy.

Core Requirements for the Major
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV-300</td>
<td>Advertising Principles</td>
<td>3</td>
</tr>
<tr>
<td>ADV-311</td>
<td>Advertising Copy and Layout</td>
<td>3</td>
</tr>
<tr>
<td>ADV-315</td>
<td>Media Planning and Strategy</td>
<td>3</td>
</tr>
<tr>
<td>ADV-435</td>
<td>Advertising Campaigns</td>
<td>3</td>
</tr>
<tr>
<td>MKT-320</td>
<td>Consumer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKT-366</td>
<td>Marketing Research</td>
<td>3</td>
</tr>
</tbody>
</table>
Students with a major in computer information systems (CIS) develop a solid understanding of the use, design, development and management of information systems and information technology. CIS majors at Rider University prepare for a variety of professional career paths. They develop expertise with various application development and networking technologies. Additionally, each CIS major will choose from one of six concentrations: Multimedia, Enterprise Management, Developer/Analyst, Network Administration, Information Security, and Software Engineering.

The required CIS core includes Introduction to Programming and Networking. Additionally, each CIS major will choose from one of six model plans of study and take at least three courses in the plan, plus one additional CIS elective of their choice. The six models include Multimedia, Enterprise Management, Developer/Analyst, Network Administration, Information Security, and Software Engineering.

For graduation, students must achieve an overall GPA of 2.0 or higher in the major, with no course grade less than C-. Majors are encouraged to take additional courses offered by the department of marketing to satisfy business elective and free elective requirements.

### Business Administration

**Requirements for the Major**

(18 semester hours)

The business administration major requires completion of 18 semester hours. For graduation, students must achieve an overall GPA of 2.0 in the major. Business administration majors may not count more than six semester hours or two courses from either track toward a different major.

This major provides a strong grounding in all areas of managing large and medium businesses and is appropriate for those who do not wish to specialize in a particular functional area. It is useful for:

- Those who may want to enter a management training program with a future employer;
- Those who may want to attend graduate school in fields such as business or law.

Courses are to be selected as specified below:

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>One upper level economics elective</td>
<td>3</td>
</tr>
<tr>
<td>One upper level finance elective</td>
<td>3</td>
</tr>
<tr>
<td>One upper level management or human resources elective</td>
<td>3</td>
</tr>
<tr>
<td>One upper level marketing elective</td>
<td>3</td>
</tr>
<tr>
<td>Two upper level business electives which may include:</td>
<td></td>
</tr>
<tr>
<td>BUS-491 Business Administration Internship</td>
<td>6</td>
</tr>
<tr>
<td>BUS-490 Independent Research Study</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL</td>
<td>18</td>
</tr>
</tbody>
</table>

Courses listed in the business core may not be used for filling the requirements of the business administration major.
### Required Core

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-200</td>
<td>Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS-310</td>
<td>Networking</td>
<td>3</td>
</tr>
</tbody>
</table>

### Multimedia

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-260</td>
<td>Business Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CIS-340</td>
<td>Electronic Commerce</td>
<td>3</td>
</tr>
<tr>
<td>CIS-350</td>
<td>Internet Application Development</td>
<td>3</td>
</tr>
<tr>
<td>CIS-380</td>
<td>Systems Project</td>
<td>3</td>
</tr>
</tbody>
</table>

### Enterprise Management

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-270</td>
<td>Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>CIS-330</td>
<td>Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS-340</td>
<td>Electronic Commerce</td>
<td>3</td>
</tr>
<tr>
<td>CIS-360</td>
<td>Knowledge Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS-420</td>
<td>Enterprise Security</td>
<td>3</td>
</tr>
<tr>
<td>CIS-430</td>
<td>Enterprise Systems Integration</td>
<td>3</td>
</tr>
</tbody>
</table>

### Developer/Analyst

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-260</td>
<td>Business Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CIS-300</td>
<td>Object-oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS-330</td>
<td>Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS-350</td>
<td>Internet Application Development</td>
<td>3</td>
</tr>
<tr>
<td>CIS-370</td>
<td>Systems Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>CIS-380</td>
<td>Systems Project</td>
<td>3</td>
</tr>
<tr>
<td>CIS-430</td>
<td>Enterprise Systems Integration</td>
<td>3</td>
</tr>
</tbody>
</table>

### Network Management

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-270</td>
<td>Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>CIS-320</td>
<td>Systems Administration</td>
<td>3</td>
</tr>
<tr>
<td>CIS-340</td>
<td>Electronic Commerce</td>
<td>3</td>
</tr>
<tr>
<td>CIS-420</td>
<td>Enterprise Security</td>
<td>3</td>
</tr>
</tbody>
</table>

### Business Intelligence

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-300</td>
<td>Object-oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS-330</td>
<td>Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS-360</td>
<td>Knowledge Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS-370</td>
<td>Systems Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>CIS-380</td>
<td>Systems Project</td>
<td>3</td>
</tr>
<tr>
<td>CIS-430</td>
<td>Enterprise Systems Integration</td>
<td>3</td>
</tr>
</tbody>
</table>

### E-Business

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-260</td>
<td>Business Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CIS-270</td>
<td>Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>CIS-300</td>
<td>Object-oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS-350</td>
<td>Internet Application Development</td>
<td>3</td>
</tr>
<tr>
<td>CIS-430</td>
<td>Enterprise Systems Integration</td>
<td>3</td>
</tr>
</tbody>
</table>

For graduation, the student must achieve an overall GPA of 2.0 in the major, with no course grade less than C-.

### Economics

Economics deals with how societies use scarce resources, organize production, and distribute goods and services. Studying economics helps students develop analytical tools that can be applied to a wide range of problems. Students learn how markets work, how businesses make decisions, and how monetary and fiscal policy affect financial markets and the production of goods and services. A bachelor’s degree in economics prepares students for management positions in both business and government. The degree is also excellent preparation for law school, graduate business programs and advanced education in economics.

### Requirements for the Major

(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO-210</td>
<td>Intermediate Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO-211</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO-212</td>
<td>Four upper-level (300-400) economics electives</td>
<td>12</td>
</tr>
</tbody>
</table>

For graduation students must achieve an overall GPA of 2.0 or better in the major, with no course grade less than C-.

### Requirements for the Minor

See the requirements for the economics minor, Liberal Arts and Sciences, page 63.

### Entrepreneurial Studies

(18 semester hours)

This major is intended for those who anticipate:

- starting their own business;
- joining a family business;
- working for a small company.

Students in this major take the following courses:

#### Required Courses

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENT/MGT-348</td>
<td>Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>ENT/ACC-335</td>
<td>Small Business Taxation</td>
<td>3</td>
</tr>
<tr>
<td>ENT/FIN-350</td>
<td>Entrepreneurial Finance</td>
<td>3</td>
</tr>
<tr>
<td>MKT-350</td>
<td>Retailing Management</td>
<td>3</td>
</tr>
<tr>
<td>ENT-360</td>
<td>Family Business Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS-214</td>
<td>Advanced Business Law</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>BUS-210</td>
<td>Contracts</td>
</tr>
<tr>
<td>CIS-260</td>
<td>Business Graphics</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>CIS-340</td>
<td>Electronic Commerce</td>
</tr>
<tr>
<td>or</td>
<td>CBA-220</td>
<td>Minding Our Business</td>
</tr>
<tr>
<td>MGT-310</td>
<td>Introduction to Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>MGT-363</td>
<td>Management Skills</td>
</tr>
<tr>
<td>ENT-420</td>
<td>Student Venture Experience</td>
<td>3</td>
</tr>
<tr>
<td>ENT/MGT-448</td>
<td>Seminar in Small Business Consulting</td>
<td>3</td>
</tr>
</tbody>
</table>
ENT-490  Independent Study  3
One integrative experiential course:
ENT-410  New Venture Planning  3
TOTAL  18

For graduation, students must achieve an overall 2.0 GPA in the major, with no course grade less than C-.

Finance
The finance program is designed to meet the needs of students who have a variety of career goals. In many types of jobs, it is essential that one understand the process of financial decision making and the environment in which those decisions take place. To provide this understanding, the major combines a solid analytical foundation with broad coverage on how the financial system operates.

Programs of study are structured to benefit students who will enter both finance and nonfinance careers. In addition, many individuals who have decided to pursue advanced professional degrees have found the finance program to be quite valuable. In short, even if you are not certain whether your career will be in a traditional finance specialization, it is quite possible that finance courses will be very useful in your personal and professional life.

There is considerable flexibility in arranging individual programs of study within the major. Students may choose a well-rounded exposure to the many facets of financial decision making. They may select courses in such areas as investment analysis, financial modeling, corporate financial management, banking and financial markets, real estate, insurance, and personal financial planning.

Requirements for the Major*  
(18 semester hours)

Group A: Three or four courses from the following list of four:
Course No.  Course Title  Credits
FIN-307  Financial Markets and Institutions  3
FIN-310  Capital Budgeting  3
FIN-311  Corporate Financing Decisions  3
FIN-312  Investments  3

Group B: Two or three finance electives (300–400 level), excluding Finance Internship.

*The sum of credits from Group A and Group B must total 18.

Students must achieve a grade of at least C- in each of the major courses with a minimum GPA of 2.0 in the major. The following are recommended to those interested in the career areas specified below:

Corporate Financial Management:

Banking and Financial Markets:

Investment Analysis:
FIN-312 Investments and FIN-412 Investment Analysis and Portfolio Management.

Casework in Computerized Financial Models:
FIN-315 Financial Modeling.

Insurance:
FIN-340 Principles of Risk Management.

Because the fields are related so closely to finance, majors are encouraged to take advanced courses in accounting, economics and personal computer applications in business. Among the most useful accounting courses are ACC-310 and ACC-311, Accounting Theory and Concepts I and II.

Special Double Major Opportunities
The finance department believes that recognition and credit should be given to the significant amount of finance-related material that is included in the programs for accounting and for actuarial science majors. As a result, students who are finance and accounting double majors or finance and actuarial science double majors can reduce the number of required finance courses from six to five. Details are available from the CBA Dean’s office or from the chairperson of the finance department.

International Business Major
The international business co-major is designed to enable students in the College of Business Administration to expand the breadth and depth of their knowledge by combining international business with another business major. Concurrent business majors include: accounting, actuarial science, advertising, business administration, computer information systems, economics, entrepreneurial studies, human resource management, management and leadership, and marketing.

There are two ways that students can co-major in international business. The first is the International Business Major. It requires 15 credits of international business electives (including one which must be an experiential or a short-term study abroad course), plus 6 credits of international liberal arts electives for a total of 21 international course credits.

The second option, the International Business Major with Distinction is for the students who seeks additional challenge and expertise. It requires 15 credits of international business electives, in which one must be a short-term study abroad course, and another must be the international business research seminar, plus either 6 or 9 credits in international liberal arts electives for a total of 21 or 24 international course credits. The student who has demonstrated working competency of a foreign language will choose two international liberal arts electives, whereas the student who has not fulfilled the working foreign language competency must take a sequence of two foreign language courses plus an additional international liberal arts course of his or her choice.

This program accepts student applications on an annual basis as follows:
- Applications are accepted during spring term of sophomore year for participation in junior and senior year;
- Minimum GPA of 3.0, a 300–500 word essay, and a faculty letter of recommendation are required for consideration to the program;
- Students must maintain a minimum GPA of 3.0 throughout the program.

Additionally, the International Business Major with Distinction program includes the successful completion of several co-curricular requirements:
• Demonstrated working competency in a foreign language equivalent to one year of college-level study;
• 100 hours of international work or service experience approved by faculty advisor;
• Active membership in an international business or student organization.

With both international business co-major options, it is possible for the student to minor in a foreign language. The minor requires 18 credits, six of which may be fulfilled through the international liberal arts requirement for the co-major.

**Major Requirements**

**I. International Business Co-Major**

**CBA: 15 credits**

*Four (4) international business electives from the following list:*
- ADV-369 International Advertising
- BUS-375 International Business Law
- CBA-490 Independent Study: Global Business
- ECO-305 International Trade and Investment
- ECO-315 Comparative Economic Systems
- ECO-365 The Post-Soviet Economy and U.S. Business
- FIN-308 International Finance
- MGT-375 International Management
- MKT-330 International Marketing

*PLUS one (1) “experiential” elective from the approved list:*
- BUS-492 Global Business Internship
- CBA-315 Global Business Study Tour
- CBA-490 Independent Study: Global Business
- CBA-316 Nature’s Business Study Tour
- CBA-317 Emerging Nations Study Tour
- IND-210 Global Encounters: Jamaica
- POL-295 Special Topics: Model UN

*A semester-long study abroad program may be used to count towards this requirement.

**Liberal Arts (6 credits)**

Two courses (6 credits) chosen from a list of approved international liberal arts electives (can be applied to the Foreign Language minor)

Optional Addition—Foreign Language Minor: Total of six courses (18 credits) in a foreign language

**II. International Business Co-Major with Certificate of Distinction**

**CBA: (15 credits)**

*Three (3) international business electives from the following list:*
- ADV-369 International Advertising
- BUS-375 International Business Law
- ECO-305 International Trade and Investment
- ECO-315 Comparative Economic Systems
- ECO-365 The Post-Soviet Economy and U.S. Business
- FIN-308 International Finance
- MGT-375 International Management
- MKT-330 International Marketing

*PLUS one (1) short-term study abroad course:*
- CBA-315 Global Business Study Tour
- CBA-316 Nature’s Business Study Tour
- CBA-317 Emerging Nations Study Tour

*A semester-long study abroad program may be used to count towards this requirement.

**PLUS one (1) research seminar capstone course:***

- CBA-318 International Business Research Seminar

**Liberal Arts and Co-curricular (6 or 9 credits)**

• Demonstrated working competency in a foreign language equivalent to one year of college-level study and two courses (6 credits) chosen from a list of approved international liberal arts electives OR two courses (6 credits) in a foreign language (may be applied to the foreign language minor) plus one (3 credit) non-foreign language international liberal arts elective;
• 100 hours of international work or service experience approved by faculty advisor;
• Active membership in an international business or student organization for at least one year.

Optional Addition—Foreign Language Minor: Total of six courses (18 credits) in a foreign language.

International Liberal Arts Electives include courses in the humanities, social sciences, and foreign languages:

Any foreign language elective
- COM-252 Intercultural Communication
- COM-293 International Communication
- GMS-180 Understanding Globalization
- GMS-200 Social Construction of Global Society
- GMS-201 Politics of Global Economy
- GMS-215 Global Politics
- GMS-285 The Student Global Village
- GMS-306 Ethnographic Film
- GMS-325 Global Perspectives on Health and Illness
- HIS-201 African American History
- HIS-269 Women in Europe
- HIS-280 Vietnam
- HIS-281 The Modern Middle East
- HIS-282 Colonial Latin America
- HIS-283 Modern Latin America
- HIS-284 Caribbean History
- HIS-285 Traditional China and Japan
- HIS-286 Modern East Asia
- HIS-287 China in Revolution
- HIS-288 African History
- HIS-289 History of Modern Japan
- HIS-295 Native American History
- HIS-309 Women in American History
- HIS-339 Women in East Asia
- POL-210 Public Opinion
- POL-307 Political Communication
- SOC-311 Social and Cultural Change
- SOC-341 Developing Societies
**Human Resource Management**

Human Resource Management (HRM) professionals perform many vital business activities in organizations. As both private and public sector organizations have become more concerned about such issues as legal compliance and ensuring employee work behaviors are aligned with strategic objectives, the demand for well-trained HRM professionals has increased greatly. Practitioners in HRM are involved in a variety of important, interesting, and challenging activities. They establish and implement policies that affect such organizational functions as recruitment, selection, training and development, performance management, compensation and benefits. Additionally, HRM professionals may be involved with human resource planning, job design and developing and implementing strategy. HRM professionals also take on responsibility for making sure that all aspects of organizational operations are in full compliance with equal employment opportunity legislation and other relevant employment laws. Our HRM major provides a strong foundation for successful careers in all of the above activities.

**Requirements for the Major**

(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT-310</td>
<td>Introduction to Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-312</td>
<td>Introduction to Labor Relations</td>
<td>3</td>
</tr>
<tr>
<td>HRM-313</td>
<td>Legal Aspects of Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-315</td>
<td>Employee Selection and Training</td>
<td>3</td>
</tr>
<tr>
<td>HRM-316</td>
<td>Compensation Administration</td>
<td>3</td>
</tr>
<tr>
<td>MGT-320</td>
<td>Managing Workforce Diversity</td>
<td>3</td>
</tr>
<tr>
<td>MGT-336</td>
<td>Career Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-346</td>
<td>Negotiation</td>
<td>3</td>
</tr>
<tr>
<td>MGT-355</td>
<td>Team Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-363</td>
<td>Management Skills</td>
<td>3</td>
</tr>
<tr>
<td>MGT-375</td>
<td>International Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-441</td>
<td>Selected Topics in Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-490</td>
<td>Independent Research Study</td>
<td>3</td>
</tr>
</tbody>
</table>

**Management and Leadership**

The manager's job is an exciting and fast-paced one that requires the ability to make decisions quickly and facilitate the work of others. The management and leadership major gives students the knowledge and skills they need to compete in a rapidly changing global marketplace. Firms of all sizes and in all fields need good managers who know how to motivate subordinates, manage teams, resolve conflicts, and lead by example. Businesses want new employees who can handle themselves as subordinates, supervisors, and team members. Whether students are looking for a position with a medium to large organization or thinking of starting companies of their own, the management and leadership major provides the knowledge and skills they will need to be successful.

**Requirements for the Major**

(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT-355</td>
<td>Team Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-363</td>
<td>Management Skills</td>
<td>3</td>
</tr>
<tr>
<td>MGT-310</td>
<td>Introduction to Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-320</td>
<td>Managing Workforce Diversity</td>
<td>3</td>
</tr>
<tr>
<td>MGT-336</td>
<td>Career Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-346</td>
<td>Negotiation</td>
<td>3</td>
</tr>
<tr>
<td>MGT-348</td>
<td>Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-375</td>
<td>International Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-421</td>
<td>Selected Topics in Management and Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGT-448</td>
<td>Seminar in Small Business Consulting</td>
<td>3</td>
</tr>
<tr>
<td>MGT-490</td>
<td>Independent Research and Study</td>
<td>3</td>
</tr>
</tbody>
</table>

An average grade of C or better is required in the 18 semester credit hours that are required for the management and leadership major. Majors are encouraged to take MGT-491 Internship in Management and Leadership as a business or free elective.

**Management and Leadership/ Human Resource Management Double Major**

**Requirements for the Double Major**

(30 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT-310</td>
<td>Introduction to Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-355</td>
<td>Team Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-363</td>
<td>Management Skills</td>
<td>3</td>
</tr>
<tr>
<td>HRM-312</td>
<td>Introduction to Labor Relations</td>
<td>3</td>
</tr>
<tr>
<td>HRM-313</td>
<td>Legal Aspects of Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-315</td>
<td>Employee Selection and Training</td>
<td>3</td>
</tr>
<tr>
<td>HRM-316</td>
<td>Compensation Administration</td>
<td>3</td>
</tr>
<tr>
<td>MGT-320</td>
<td>Managing Workforce Diversity</td>
<td>3</td>
</tr>
<tr>
<td>MGT-336</td>
<td>Career Management</td>
<td>3</td>
</tr>
</tbody>
</table>

An average grade of C or better is required in the 18 semester credit hours that are required for the management and leadership major. Majors are encouraged to take HRM-492 Internship in Human Resource Management as a business or free elective.
An average grade of C or better is required in the 30 semester credit hours that are required for the management and leadership and human resource management double major. Majors are encouraged to take either MGT-491 Internship in Management and Leadership OR HRM-492 Internship in Human Resource Management as a business or free elective.

Marketing

The marketing major prepares students for a broad array of careers in such fields as sales, retailing, promotion, distribution, customer service, marketing research and others. Possible employment opportunities can be found with profit or nonprofit and public or private organizations marketing goods or services to consumers, businesses or other organizations.

Requirements for the Major
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT-366</td>
<td>Marketing Research</td>
<td>3</td>
</tr>
<tr>
<td>MKT-460</td>
<td>Marketing Management Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Four additional courses from the following list are required for the major:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV-300</td>
<td>Advertising Principles</td>
<td>3</td>
</tr>
<tr>
<td>ADV-311</td>
<td>Advertising Copy and Layout</td>
<td>3</td>
</tr>
<tr>
<td>ADV-315</td>
<td>Media Planning and Strategy</td>
<td>3</td>
</tr>
<tr>
<td>ADV-369</td>
<td>International Advertising</td>
<td>3</td>
</tr>
<tr>
<td>MKT-305</td>
<td>Social Issues in Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT-310</td>
<td>Business to Business Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT-320</td>
<td>Consumer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKT-330</td>
<td>International Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT-340</td>
<td>Personal Selling</td>
<td>3</td>
</tr>
<tr>
<td>MKT-350</td>
<td>Retailing Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT-360</td>
<td>Services Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT-380</td>
<td>Healthcare Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT-406</td>
<td>Marketing Research Project</td>
<td>3</td>
</tr>
<tr>
<td>MKT-440</td>
<td>Sales Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT-469</td>
<td>Selected Topics in Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>


Students interested in marketing research usually choose: MKT-320 Consumer Behavior, 366–Marketing Research, and 406–Marketing Research Project.

For graduation, students must achieve an overall GPA of 2.0 or higher in the major, with no course grade less than C-. Majors are encouraged to take additional courses offered by the department of marketing to satisfy business and free elective requirements.

Entrepreneurial Studies (ES) Concentration

The ES concentration is an option for any business student desiring to focus on starting a new venture, or working in a small or family firm environment. The concentration must be taken with another major in the College of Business Administration.

The ES concentration requires four business courses as outlined below (courses to be counted as either major, business or free electives):

ENT/MGT-348 Small Business Management

Three of the following courses:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENT/MGT-448</td>
<td>Seminar in Small Business Consulting</td>
<td></td>
</tr>
<tr>
<td>ENT-410</td>
<td>New Venture Planning</td>
<td></td>
</tr>
<tr>
<td>CBA-220</td>
<td>Minding Our Business</td>
<td></td>
</tr>
<tr>
<td>BUS-214</td>
<td>Advanced Business Law</td>
<td></td>
</tr>
<tr>
<td>BUS-210</td>
<td>Contracts</td>
<td></td>
</tr>
<tr>
<td>CIS-260</td>
<td>Business Graphics</td>
<td></td>
</tr>
<tr>
<td>CIS-340</td>
<td>Electronic Commerce</td>
<td></td>
</tr>
<tr>
<td>ENT/ACC-335</td>
<td>Small Business Taxation</td>
<td></td>
</tr>
<tr>
<td>MKT-350</td>
<td>Retailing Management</td>
<td></td>
</tr>
<tr>
<td>ENT/FIN-350</td>
<td>Entrepreneurial Finance</td>
<td></td>
</tr>
<tr>
<td>ENT-360</td>
<td>Family Business Management</td>
<td></td>
</tr>
<tr>
<td>ENT-420</td>
<td>Student Venture Experience</td>
<td></td>
</tr>
<tr>
<td>ENT-490</td>
<td>Independent Study</td>
<td></td>
</tr>
</tbody>
</table>

Students must achieve an overall 2.0 GPA in the concentration, with no course grade less than C-.
## Minor Programs

### Advertising
*(Available to communication majors only)*

**Requirements for the Minor**
*(30 semester hours)*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV-300</td>
<td>Advertising Principles</td>
<td>3</td>
</tr>
<tr>
<td>ADV-311</td>
<td>Advertising Copy and Layout</td>
<td>3</td>
</tr>
<tr>
<td>ADV-315</td>
<td>Media Planning and Strategy</td>
<td>3</td>
</tr>
<tr>
<td>ADV-435</td>
<td>Advertising Campaigns</td>
<td>3</td>
</tr>
<tr>
<td>COM-105</td>
<td>Mass Media Communications</td>
<td>3</td>
</tr>
<tr>
<td>COM-212</td>
<td>Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-240</td>
<td>Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>COM-360</td>
<td>Advanced Publication Design and Presentation</td>
<td>3</td>
</tr>
<tr>
<td>MKT-200</td>
<td>Marketing Principles</td>
<td>3</td>
</tr>
<tr>
<td>MKT-320</td>
<td>Consumer Behavior</td>
<td>3</td>
</tr>
</tbody>
</table>

Students must achieve a minimum GPA of 2.0 in the minor, with no course grade less than C-.

### Computer Information Systems
*(Available to all nonbusiness majors)*

*(12 semester hours)*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-185</td>
<td>Introduction to Computing (required)</td>
<td>3</td>
</tr>
<tr>
<td>CIS-200</td>
<td>Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS-310</td>
<td>Networking</td>
<td>3</td>
</tr>
<tr>
<td>CIS-260</td>
<td>Business Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CIS-270</td>
<td>Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>CIS-300</td>
<td>Object-Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS-320</td>
<td>Systems Administration</td>
<td>3</td>
</tr>
<tr>
<td>CIS-330</td>
<td>Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS-340</td>
<td>Electronic Commerce</td>
<td>3</td>
</tr>
<tr>
<td>CIS-350</td>
<td>Internet Applications Development</td>
<td>3</td>
</tr>
<tr>
<td>CIS-360</td>
<td>Knowledge Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS-370</td>
<td>Systems Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>CIS-380</td>
<td>Systems Project</td>
<td>3</td>
</tr>
<tr>
<td>CIS-390</td>
<td>Data Structures and Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CIS-420</td>
<td>Enterprise Security</td>
<td>3</td>
</tr>
<tr>
<td>CIS-430</td>
<td>Enterprise Integration*</td>
<td>3</td>
</tr>
<tr>
<td>CIS-440</td>
<td>Computer Forensics</td>
<td>3</td>
</tr>
</tbody>
</table>

*Permission of instructor

### General Business
*(Available to nonbusiness majors only)*

**Requirements for the Minor**
*(24 semester hours)*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSD-105</td>
<td>Quantitative Methods for Business</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>MTH-210</td>
<td></td>
</tr>
<tr>
<td>MSD-200</td>
<td>Statistical Methods I</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>PSY-201</td>
<td></td>
</tr>
<tr>
<td>ENV-200</td>
<td>Statistical and Computer Applications in the Natural Sciences</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>MTH-120</td>
<td></td>
</tr>
<tr>
<td>ECO-200</td>
<td>Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>or 201</td>
<td>Microeconomics</td>
<td></td>
</tr>
<tr>
<td>ACC-210</td>
<td>Principles of Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>MGT-201</td>
<td></td>
</tr>
<tr>
<td>MKT-200</td>
<td>Marketing Principles</td>
<td>3</td>
</tr>
<tr>
<td>BUS-300</td>
<td>Social and Legal Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>FIN-300</td>
<td>Introduction to Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

A minimum of six courses must be taken in business administration and students must achieve a minimum GPA of 2.0 in the minor.

### Sales for Nonbusiness Majors
*(Available to all nonbusiness majors)*

*(21 semester hours)*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSD-105</td>
<td>Quantitative Methods I</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>MTH-105</td>
<td></td>
</tr>
<tr>
<td>ENV-200</td>
<td>Statistical and Computer Applications in the Natural Sciences</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>MSD-200</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>MTH-120</td>
<td></td>
</tr>
<tr>
<td>PSY-201</td>
<td>Statistics and Research Design</td>
<td></td>
</tr>
<tr>
<td>MKT-200</td>
<td>Marketing Principles</td>
<td>3</td>
</tr>
<tr>
<td>MKT-340</td>
<td>Personal Selling</td>
<td>3</td>
</tr>
<tr>
<td>MKT-440</td>
<td>Sales Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Two of the following elective classes:
- ADV-300 Advertising Principles
- HTH-205 Introduction to the Healthcare Sector
- MKT-310 Business to Business Marketing
- MKT-350 Retailing Management
- MKT-380 Healthcare Marketing
- 6
**Health Administration Minor**

(21–24 semester hours)

Note that courses with an HTH prefix will count as liberal arts courses for business majors. HTH-315, HTH-336 and HTH-450 are cross-listed with BUS-315, ECO-336 and ECO-450, respectively. If a business student registers for the HTH designation, the course will count as a liberal arts course, and if a business student registers for the BUS or ECO designation, the course will count as a business course.

<table>
<thead>
<tr>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course No.</td>
</tr>
<tr>
<td>HTH-205</td>
</tr>
<tr>
<td>HTH/ECO-336</td>
</tr>
<tr>
<td>HTH/ECO-450</td>
</tr>
<tr>
<td>or</td>
</tr>
<tr>
<td>HTH-491</td>
</tr>
<tr>
<td>Select two from the following menu:</td>
</tr>
<tr>
<td>HTH/BUS-315</td>
</tr>
<tr>
<td>BIO-206</td>
</tr>
<tr>
<td>HTH-215</td>
</tr>
<tr>
<td>PHL-304</td>
</tr>
<tr>
<td>SOC-346</td>
</tr>
<tr>
<td>GMS-325</td>
</tr>
<tr>
<td>MKT-380</td>
</tr>
</tbody>
</table>

*Select one from the following menu:*

**Course No.** | **Course Title** | **Credits**
---|---|---
BIO-100 | Life Science: Human Emphasis | 
BIO-101 | Life Science: Cell Biology and Genetics | 
BIO-106 | Life Science: Human Disease | 
BIO-108 | Life Science: Biology of Human Aging | 
BIO-110 | Life Science: Inquiry Approach | 
BIO-115 | Principles of Biology: Evolution, Diversity, Biology of Animals | 

**Course No.** | **Course Title** | **Credits**
---|---|---
BIO-221 | Human Anatomy and Physiology I | 
BPY-107 | Life Science: Biopsychology | 
BPY-275 | Behavioral Neuroscience | 
CHE-115 | Chemistry and Contemporary Society | 
PSY-220 | Abnormal Psychology | 
PSY-365 | Drugs and Human Behavior | 
PSY-374 | Psychology of the Family | 
PSY-382 | Aging, the Brain and Cognition | 
PSY-385 | Health Psychology | 

*These courses may not be used to fulfill two different categories.*
School of Education

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School of Education

Since 1913, the School of Education at Rider University has made a difference, responding with imagination to the education profession by preparing graduates for the opportunities and challenges of teaching.

Committed to excellence, the School of Education keeps all its programs relevant to the changing needs of students, the professional communities it serves, and society by anticipating those needs and taking measures to meet them. This commitment to excellence is based on the belief that today’s teacher must be able to demonstrate sensitivity to students, familiarity with curriculum, and a thorough knowledge of subject matter and the learning process.

Rider University teacher preparation programs are grounded in current research on learning, curriculum, teaching, and exemplary practice of reflective teachers.

Rider University prepares teachers who understand:
- that learning involves the active construction of knowledge through posing questions, exploring materials, and testing ideas;
- that this learning may take place in cooperative learning groups as well as individual learning activities;
- that teaching is not just the performance of various learned strategies and methods but a reflective process of observation, deliberation and assessment throughout one’s career;
- that all curriculum content is interrelated and often is learned best in integrated or thematic units of study;
- that assessment and teaching are dynamic processes that go hand in hand;
- and that curriculum and teaching must be responsive to the culture, class, gender and strengths, needs, past experiences, and interests of individual students.

When students enroll in the School of Education, they have the opportunity to work with a professor during their time at Rider who will personally advise them and assist them in developing their specific programs. In their classes they will work directly with members of the faculty who have been successful practitioners in their respective fields. Students enrolled in the Rider teacher preparation programs receive structured experiences working with children, teachers, school administrators, and community agencies.

Each undergraduate education course is taught in conjunction with a semester-long field experience in a public school in which students work with an experienced classroom teacher and a Rider professor two half-days a week. Over the course of his or her professional preparation, each student is placed in a variety of grade levels in both urban and suburban schools.

In the sophomore year, students work as teacher assistants. They observe and help conduct learning activities that the teacher has planned. In the junior year, students continue to observe and assist but also plan for and teach individuals, small groups, and full classes. In the senior year, students complete an entire semester of full-time student teaching.

The future offers unique challenges and opportunities for teacher education students. Education welcomes those students who want to make a difference in their own lives and the lives of others. The program prepares students to learn how to affect change in an ever-changing world.

Mission

The School of Education prepares undergraduate and graduate students for professional careers in education, organizations, and agencies in the diverse American society. The School of Education fosters the intellectual, personal, and social development of each student for a changing world by creating and providing programs that embody the highest academic and professional standards.

The School of Education develops students who are committed, knowledgeable, and reflective and who value service, ethical behavior, and the improvement of one’s self and profession. The School of Education promotes a climate of scholarly inquiry, high expectations for achievement, and best professional practices while establishing beneficial relationships with the public and exchanging relevant ideas and services that speak to emerging needs.

This Mission Statement is based on the Conceptual Framework of the School of Education. The Framework can be accessed on the School of Education Web site.

Accreditation

All teacher preparation programs offered by the School of Education are approved by the New Jersey State Department of Education using the New Jersey Professional Standards for Teachers and School Leaders. In addition, teacher preparation programs are accredited by the National Council for the Accreditation of Teacher Education (NCATE), the highest accreditation possible in teacher education. This helps our graduates as they seek employment nationwide.

In the United States nearly 1,500 colleges and universities offer teacher education but only about 588 are NCATE accredited. In New Jersey only eight of about 25 colleges and universities have NCATE accreditation; Rider is the first private institution in New Jersey to do so. The institutional pass rate for Title II assessment of program completers in the School of Education for 2005–2006 is 98 percent.
Degrees

At the undergraduate level, the School of Education offers three degree programs. The degrees are: (1) Bachelor of Science in Education, with a major in comprehensive business education; (2) Bachelor of Arts in Elementary Education, with a major in elementary education (including minors in early childhood education, special education and middle school education); (3) Bachelor of Arts in Secondary Education, with majors in English, mathematics, science (biology, chemistry, geosciences), social studies, and world language (French, German, Spanish).

Admission

Admission to the School of Education places great responsibility upon students. In enrolling, students enter into a relationship with instructors and fellow students in which there are shared responsibilities. Students are expected to display a commitment to study and to initiate intellectual pursuits. Further, students are expected to recognize that learning involves bringing interests, enthusiasm, curiosity, and reflection to their work. The experiences that unfold during class meetings should be considered opportunities for personal growth and learning. These opportunities are by no means limited to the classroom but include work in the field and on campus as well.

Teacher Education Program Design

Self-Development

In the freshman year, emphasis is placed on developing those basic skills that enable a prospective teacher to become a scholar and to engage successfully in college-level studies. In addition, a specially designed freshman seminar helps the student adjust to college life.

Studies Undergirding Teaching and Learning

Early experience through courses in the social sciences and behavioral studies emphasizing psychology provide an important scholarly foundation for educational practice. In addition, college-level study of subjects related to the student's teaching field is an important element in this phase of the teacher education program.

Selective Retention in Teacher Education

Education students must demonstrate competence in their academic work to continue in the teacher preparation program. Competence is assessed in a variety of ways and at different levels. Sophomore education students must maintain a 2.75 cumulative average in all courses taken at Rider. Students must also receive a grade of C+ or higher in all education courses. It is the individual student's responsibility to re-take any education course in which a grade lower than C+ has been earned. The GPA requirement for admission to junior level education courses is 2.75. Students will be permitted to undertake student teaching only if they have received C+ or higher in all education courses and have a cumulative GPA of at least 2.8.

The undergraduate education department also reviews the professional development of all students to ensure that they meet departmental standards for professional conduct and that they show promise of success in teaching. This review is in addition to the grade requirements listed above; in addition, the elementary education program requires passing the Praxis I Writing, Praxis I Math, and Praxis Content Knowledge tests prior to registration in junior-level courses. As appropriate, students who fail to meet the department's standards will be counseled on ways to improve their performance or asked to leave the program.

Teacher Certification and Placement

Teacher candidates are recommended for certification only when they have: (1) successfully completed all course requirements of a particular program; and (2) successfully demonstrated continued competence, aptitude, motivation, and potential for outstanding success in teaching. Students must have attained at least a C+ in student teaching along with a cumulative GPA of 2.75. It should be noted that for New Jersey certification (and many other states as well) it is necessary to pass the appropriate Praxis Series exam, formerly called the National Teacher Examination or NTE. Consult the certification office in Memorial Hall 111 for further details.

Graduates who have completed all the requirements of an approved program in teacher education are eligible to receive, upon passing a Praxis Series test of academic knowledge related to the field of certification, a New Jersey Certificate of Eligibility with Advanced Standing. The Certificate of Eligibility with Advanced Standing is valid for the lifetime of its holder. It authorizes the holder to seek and accept offers of employment in New Jersey schools. New Jersey has directed other states to accept the Certificate of Eligibility with Advanced Standing as evidence of completion of an approved college teacher education program. In New Jersey, a Provisional Certificate will be issued to those who receive offers of employment from school districts. The Provisional Certificate is a temporary license, valid for one year. It authorizes the holder to serve as a salaried teacher, and to perform all teaching duties within the endorsement field under the supervision of a district support team. Later, the New Jersey Standard Certificate will be issued to those who serve for one year under the Provisional Certificate and who are recommended as approved by their school principal based on evaluations of the provisionally certified teacher's classroom performance, conducted by the principal and other certified evaluators.

Students seeking out-of-state certification will find that completing a NCATE-approved program will enable them to become certified immediately in many states. Since each state has its own requirements for teacher certification, it is wise for students to contact the certification office (Memorial Hall 111) for assistance in determining out-of-state certification requirements and state reciprocity agreements.

Transfer Requests

Students transferring from other institutions are encouraged to become familiar with the education programs. Transcripts are reviewed in terms of Rider’s program requirements, and this review is made available to prospective students.

Students enrolled in other colleges at Rider who wish to transfer into teacher education programs must file a written request with the chair of the department of teacher education. Before formal admission, personal interviews may be scheduled with faculty.
Degree Programs

Rider’s education programs in teacher preparation combine classroom study with laboratory and field experiences to help students develop a high degree of professional expertise and become generally well educated. All undergraduate baccalaureate degree programs require broad liberal studies and concentrated study in subjects related to the program specialization. Students can major in elementary education, secondary education, or business education. Elementary education majors can minor in early childhood education, middle school education, or special education. Bilingual education and English as a second language certifications are also available. In addition, an internal certificate in technology is available.

Elementary Education (B.A.)

To develop into learned and professionally skilled early childhood and elementary school teachers, students engage in studies that provide an academic background for those subjects they will be teaching. Elementary education majors select a liberal arts discipline in which they fulfill the requirements for the major. The fulfillment of these requirements, together with general studies courses, provides a substantial liberal studies background as well as a foundation for professional development.

Listed below are the general studies requirements and the professional education requirements.

General Studies and Academic Major

(96–99 semester hours minimum)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY-230</td>
<td>Developmental Psychology: Child</td>
<td>3</td>
</tr>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English Writing</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Fine Arts Appreciation elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Fine Arts Studio elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>History elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Literature elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Mathematics elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Science electives (one lab)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Social Science elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technology elective</td>
<td>3</td>
</tr>
<tr>
<td>NCT-010</td>
<td>Freshman Seminar (1 Supplemental Education Unit)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>General Studies electives (varies according to major)</td>
<td>6–16</td>
</tr>
<tr>
<td></td>
<td>Requirements of a selected academic major (varies according to major)</td>
<td>34–56</td>
</tr>
</tbody>
</table>

Please see the School of Liberal Arts and Sciences chapter for requirements for the second major or the College of Continuing Studies chapter, bachelor of arts in liberal studies, marine ecology emphasis.

Professional Education

(30 semester hours)

Sophomore-level introductory professional courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-106</td>
<td>Contexts of Schooling</td>
<td>3</td>
</tr>
<tr>
<td>EDU-206</td>
<td>Developmental Educational Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Junior-level curriculum and instruction courses, including reading, with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELD-307</td>
<td>Emergent Literacy P-3</td>
<td>3</td>
</tr>
<tr>
<td>ELD-308</td>
<td>Fostering Language and Literacy Development</td>
<td>3</td>
</tr>
<tr>
<td>ELD-375</td>
<td>Teaching Math, N-8</td>
<td>3</td>
</tr>
<tr>
<td>ELD-376</td>
<td>Teaching Science, Social Studies and the Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior-level professional semester including full-time student teaching:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-465</td>
<td>Student Teaching and Seminar</td>
<td>12</td>
</tr>
</tbody>
</table>

Early Childhood/Elementary Dual Licensure Program

The Early Childhood/Elementary Dual Licensure Program leads to two teaching certificates: Preschool through third grade (P–3) and Elementary (Kindergarten through fifth grade). In addition to the professional education courses required of elementary education students, students in this dual licensure program are required to take:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE-322</td>
<td>Observation and Assessment in Early Childhood Education</td>
<td></td>
</tr>
<tr>
<td>ECE-440</td>
<td>Early Childhood Curriculum and Teaching Internship</td>
<td></td>
</tr>
<tr>
<td>SOC-348</td>
<td>Human Service Organizations</td>
<td></td>
</tr>
<tr>
<td>PSY-374</td>
<td>Psychology of the Family</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or</td>
<td></td>
</tr>
<tr>
<td>SOC-205</td>
<td>The Family</td>
<td></td>
</tr>
</tbody>
</table>

This 132-semester hour program is available to any student who maintains a 2.75 GPA and meets all other requirements for admission and retention in the elementary education program.

Minor in Middle School Education

The minor in middle school education leads to two teaching certificates: Elementary (Kindergarten through grade 5) and Middle School (grade 5 through grade 8). In addition, it provides students the opportunity to become “Highly Qualified” under No Child Left Behind legislation, and be certified in one of four disciplines for middle school teaching: English, mathematics, science, and social studies.

In addition to the professional education courses required of elementary education students, students in this dual licensure program are required to take:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELD-350</td>
<td>Early Adolescence</td>
<td>1</td>
</tr>
<tr>
<td>ELD-355</td>
<td>Teaching in the Inclusive Middle School</td>
<td>1</td>
</tr>
<tr>
<td>ELD-360</td>
<td>Structure and Culture of the Middle School</td>
<td>1</td>
</tr>
</tbody>
</table>
### Interdisciplinary Minor in Special Education
The Interdisciplinary Minor in Special Education is designed for Rider University undergraduate students who are enrolled as elementary education majors with a second major in psychology. In addition to the courses required for the elementary education major, students enrolled in the minor program are required to take a specific sequence of courses within the psychology major. The following courses, designed to teach concepts and applications in special education, are also required:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE-201</td>
<td>Inclusion and Students with Disabilities</td>
<td></td>
</tr>
<tr>
<td>SPE-202</td>
<td>Community Resources for Students with Disabilities</td>
<td></td>
</tr>
<tr>
<td>SPE-301</td>
<td>Assessment for Instruction in Special Education</td>
<td></td>
</tr>
<tr>
<td>SPE-302</td>
<td>Instructional Practices for Children with Disabilities</td>
<td></td>
</tr>
</tbody>
</table>

Students enrolled in the interdisciplinary minor in special education are required to maintain a GPA of 2.75. The prescribed sequence of courses fulfill the requirements for a New Jersey Endorsement for Teacher of Students with Disabilities. Graduates of this dual licensure program also receive certification in elementary education.

### Bilingual Education
Certification in bilingual education is available to elementary education majors and secondary education majors who upon completion of the program have demonstrated competence in both English and another language. Candidates for this certification will complete:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-262</td>
<td>Teaching in the Bilingual/Immersion Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU-320</td>
<td>Instructional Linguistics and Second Language Learning</td>
<td>3</td>
</tr>
<tr>
<td>EDU-460</td>
<td>Educating and Evaluating the Bilingual Child</td>
<td>3</td>
</tr>
</tbody>
</table>

Bilingual field experiences are required. Language proficiency evaluations are required.

### English as a Second Language
Certification in English as a second language (ESL) is available to elementary and secondary education majors. It may be achieved by an additional 3-6 semester hours by majors in English or foreign language (French, German or Spanish). All candidates for this certification will complete:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-411</td>
<td>History of the English Language</td>
<td>3</td>
</tr>
<tr>
<td>ENG-445</td>
<td>Seminar in Black and Multi-Ethnic Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG-447</td>
<td>Seminar in Post-Colonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>COM-252</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM-353</td>
<td>Nonverbal Communication</td>
<td>3</td>
</tr>
<tr>
<td>NCT-010</td>
<td>Freshman Seminar</td>
<td>3–9</td>
</tr>
</tbody>
</table>

English as a Second Language field experiences are required. English proficiency evaluations are required.

### Certificate in Technology
Students enrolled in education who successfully complete nine (9) credits in technology-based courses are eligible for the Certificate in Technology indicating proficiency in instructional technology. The certificate is obtained from the chair of the department.

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

### English Education
**General Studies and Academic Major**
(96–99 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>LIT-250</td>
<td>Masterworks of Western Literature I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Developmental Psychology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English Writing</td>
<td>6–9</td>
</tr>
<tr>
<td></td>
<td>Science elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Theatre elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Philosophy elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Journalism or Media elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Mathematics elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>History elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Social Science elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Creative Writing/Literature elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technology elective(s)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Fine Arts elective</td>
<td>3</td>
</tr>
<tr>
<td>ENG-411</td>
<td>History of the English Language</td>
<td>3</td>
</tr>
<tr>
<td>ENG-445</td>
<td>Seminar in Black and Multi-Ethnic Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG-447</td>
<td>Seminar in Post-Colonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>COM-252</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM-353</td>
<td>Nonverbal Communication</td>
<td>3</td>
</tr>
<tr>
<td>NCT-010</td>
<td>Freshman Seminar</td>
<td>3–9</td>
</tr>
</tbody>
</table>

(1 Supplemental Education Unit)
Requirements for the English Major
(36 semester hours)
See the requirements for English literature or English writing major listed in the School of Liberal Arts and Sciences chapter, page 63.

Professional Education
(30 semester hours)
Sophomore-level introductory professional courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-106</td>
<td>Contexts of Schooling</td>
<td>3</td>
</tr>
<tr>
<td>EDU-206</td>
<td>Developmental Educational Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Junior- and senior-level curriculum and instruction courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SED-370</td>
<td>Teaching in the High School</td>
<td>3</td>
</tr>
<tr>
<td>ELD-308</td>
<td>Fostering Language and Literacy Development</td>
<td>3</td>
</tr>
<tr>
<td>or ELD-395</td>
<td>Literacy Learning in the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>SED-400</td>
<td>Teaching English Language Arts in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>SED-431</td>
<td>Content Area Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior-level professional semester including full-time student teaching:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-465</td>
<td>Student Teaching and Seminar</td>
<td>12</td>
</tr>
</tbody>
</table>

Foreign Language Education (French)
General Studies and Academic Major
(96–99 semester hours minimum)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>SOC-110</td>
<td>Anthropology: The Cross-Cultural Perspectives</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Developmental Psychology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English Writing</td>
<td>6–9</td>
</tr>
<tr>
<td></td>
<td>Linguistic elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>History (related to major)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Mathematics elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Philosophy elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Science elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Studies electives</td>
<td>0–12</td>
</tr>
<tr>
<td></td>
<td>Basic Foreign Language courses*</td>
<td>0–12</td>
</tr>
<tr>
<td></td>
<td>Freshman Seminar</td>
<td></td>
</tr>
</tbody>
</table>

Requirements for the French Major
(24 semester hours beyond French IV and 12 semester hours in collateral liberal arts courses.)
See the requirements for the French major listed in the School of Liberal Arts and Sciences chapter, page 67.

Professional Education Courses
(30 semester hours)
Sophomore-level introductory professional courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-106</td>
<td>Contexts of Schooling</td>
<td>3</td>
</tr>
<tr>
<td>EDU-206</td>
<td>Developmental Educational Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Junior- and senior-level curriculum and instruction courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELD-308</td>
<td>Instructional Linguistics and Second Language</td>
<td>3</td>
</tr>
<tr>
<td>or ELD-395</td>
<td>Literacy Learning in the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>SED-400</td>
<td>Teaching in the High School</td>
<td>3</td>
</tr>
<tr>
<td>SED-431</td>
<td>Content Area Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior-level courses including full-time student teaching:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-465</td>
<td>Student Teaching and Seminar</td>
<td>12</td>
</tr>
</tbody>
</table>

*Students with advanced standing in French take liberal arts electives.

Foreign Language Education (German)
General Studies and Academic Major
(96–99 semester hours minimum)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>SOC-110</td>
<td>Anthropology: The Cross-Cultural Perspectives</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Developmental Psychology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English Writing</td>
<td>6–9</td>
</tr>
<tr>
<td></td>
<td>Linguistic elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>History (related to major)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Mathematics elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Philosophy elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Science elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Studies electives</td>
<td>0–9</td>
</tr>
<tr>
<td></td>
<td>Basic Foreign Language courses*</td>
<td>0–12</td>
</tr>
<tr>
<td></td>
<td>Freshman Seminar</td>
<td></td>
</tr>
</tbody>
</table>

Requirements for the German Major
(24 semester hours beyond German IV and 12 semester hours in collateral liberal arts courses.)
See the requirements for the German major listed in the School of Liberal Arts and Sciences chapter, page 67.

Professional Education Courses
(30 semester hours)
Sophomore-level introductory professional courses with associated field experiences:
Junior- and senior-level curriculum and instruction courses with associated field experiences:

**Course No.** | **Course Title** | **Credits**
--- | --- | ---
EDU-106 | Contexts of Schooling | 3
EDU-206 | Developmental Educational Psychology | 3

Senior-level courses including full-time student teaching:

**Course No.** | **Course Title** | **Credits**
--- | --- | ---
EDU-465 | Student Teaching and Seminar | 12

*Students with advanced standing in German take liberal arts electives.

**Foreign Language Education (Spanish)**

**General Studies and Academic Major**

(96–99 semester hours minimum)

**Course No.** | **Course Title** | **Credits**
--- | --- | ---
PSY-100 | Introduction to Psychology | 3
COM-104 | Speech Communication | 3
EDU-106 | Contexts of Schooling | 3
EDU-206 | Developmental Educational Psychology | 3
SED-370 | Teaching in the High School | 3
SED-420 | Teaching a Second Language | 3
SED-431 | Content Area Reading and Writing | 3

Senior-level courses including full-time student teaching:

**Course No.** | **Course Title** | **Credits**
--- | --- | ---
EDU-465 | Student Teaching and Seminar | 12

*Students with advanced standing in Spanish take liberal arts elective.

**History Education**

See Social Studies Education on page 39.

**Mathematics Education**

**General Studies and Academic Major**

(96–99 semester hours)

**Course No.** | **Course Title** | **Credits**
--- | --- | ---
PSY-100 | Introduction to Psychology | 3
COM-104 | Speech Communication | 3
EDU-106 | Contexts of Schooling | 3
EDU-206 | Developmental Educational Psychology | 3
SED-370 | Teaching in the High School | 3
SED-420 | Teaching a Second Language | 3
SED-431 | Content Area Reading and Writing | 3

Senior-level courses including full-time student teaching:

**Course No.** | **Course Title** | **Credits**
--- | --- | ---
EDU-465 | Student Teaching and Seminar | 12

*Students with advanced standing in Spanish take liberal arts elective.

**Professional Education Requirements**

(30 semester hours)

Sophomore-level introductory professional courses with associated field experiences:

**Course No.** | **Course Title** | **Credits**
--- | --- | ---
EDU-106 | Contexts of Schooling | 3
EDU-206 | Developmental Educational Psychology | 3
Junior- and senior-level curriculum and instruction courses with associated experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SED-370</td>
<td>Teaching in the High School</td>
<td>3</td>
</tr>
<tr>
<td>ELD-375</td>
<td>Teaching Math N–8</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELD-380</td>
<td>Teaching Mathematics in the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>SED-415</td>
<td>Teaching Mathematics in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>SED-431</td>
<td>Content Area Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior-level courses including full-time student teaching:
EDU-465  Student Teaching and Seminar 12

Science Education (Biology)

General Studies
(33–36 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Developmental Psychology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English Writing</td>
<td>6–9</td>
</tr>
<tr>
<td></td>
<td>Social Science elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Fine Arts elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>History elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Literature elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Philosophy elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technology elective</td>
<td>3</td>
</tr>
</tbody>
</table>

NCT-010  Freshman Seminar
(1 Supplemental Education Unit)

Requirements for the Biology Major
(64–66 semester hours minimum)

See the requirements for the biology major listed in the School of Liberal Arts and Sciences chapter, page 57.

Professional Education
(30 semester hours)

Sophomore-level introductory professional courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-106</td>
<td>Contexts of Schooling</td>
<td>3</td>
</tr>
<tr>
<td>EDU-206</td>
<td>Developmental Educational Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Junior- and senior-level curriculum and instruction courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SED-370</td>
<td>Teaching in the High School</td>
<td>3</td>
</tr>
<tr>
<td>ELD-376</td>
<td>Teaching Science, Social Studies, and the Arts, N–8</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELD-385</td>
<td>Teaching Science in the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>SED-410</td>
<td>Teaching Science in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>SED-431</td>
<td>Content Area Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior-level courses including full-time student teaching:
EDU-465  Student Teaching and Seminar 12

Science Education (Chemistry)

General Studies
(33–36 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Developmental Psychology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English Writing</td>
<td>6–9</td>
</tr>
<tr>
<td></td>
<td>Social Science elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Fine Arts elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>History elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Literature elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Philosophy elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technology elective</td>
<td>3</td>
</tr>
</tbody>
</table>

NCT-010  Freshman Seminar
(1 Supplemental Education Unit)

Requirements for the Chemistry Major
(66 semester hours)

See the requirements for the chemistry major listed in School of Liberal Arts and Sciences chapter, page 59.

Professional Education
(30 semester hours)

Sophomore-level introductory professional courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-106</td>
<td>Contexts of Schooling</td>
<td>3</td>
</tr>
<tr>
<td>EDU-206</td>
<td>Developmental Educational Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Junior- and senior-level curriculum and instruction courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SED-370</td>
<td>Teaching in the High School</td>
<td>3</td>
</tr>
<tr>
<td>ELD-376</td>
<td>Teaching Science, Social Studies, and the Arts, N–8</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELD-385</td>
<td>Teaching Science in the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>SED-410</td>
<td>Teaching Science in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>SED-431</td>
<td>Content Area Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior-level courses including full-time student teaching:
EDU-465  Student Teaching and Seminar 12
### Science Education (Geosciences)

**General Studies**
(33–36 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Developmental Psychology elective</td>
<td>3</td>
</tr>
<tr>
<td>English Writing</td>
<td></td>
<td>6–9</td>
</tr>
<tr>
<td>Social Science elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>History elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Literature elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Philosophy elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Technology elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

NCT-010 Freshman Seminar
(1 Supplemental Education Unit)

### Requirements for the Geosciences Major
(65–69 semester hours minimum)
See the requirements for the geosciences major listed in the School of Liberal Arts and Sciences chapter, page 70.

### Professional Education
(30 semester hours)

Sophomore-level introductory professional courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-106</td>
<td>Contexts of Schooling</td>
<td>3</td>
</tr>
<tr>
<td>EDU-206</td>
<td>Developmental Educational Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Junior- and senior-level curriculum and instruction courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SED-370</td>
<td>Teaching in the High School</td>
<td>3</td>
</tr>
<tr>
<td>ELD-376</td>
<td>Teaching Science, Social Studies, and the Arts, N–8</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELD-385</td>
<td>Teaching Science in the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>SED-410</td>
<td>Teaching Science in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>SED-431</td>
<td>Content Area Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior-level courses including full-time student teaching:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-465</td>
<td>Student Teaching and Seminar</td>
<td>12</td>
</tr>
</tbody>
</table>

### Social Studies Education

**General Studies**
(60–63 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>POL-100</td>
<td>Introduction to American Politics</td>
<td>3</td>
</tr>
<tr>
<td>PSY-100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC-101</td>
<td>Sociological Imagination</td>
<td>3</td>
</tr>
<tr>
<td>GEO-100</td>
<td>Physical Geology</td>
<td>3</td>
</tr>
<tr>
<td>ECO-200</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

### Course No. | Course Title                | Credits |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Developmental Psychology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English Writing</td>
<td>6–9</td>
</tr>
<tr>
<td></td>
<td>Science elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Mathematics elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>World History elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>U.S. History I and II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Philosophy elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Art Perspective elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Studies electives</td>
<td>6</td>
</tr>
</tbody>
</table>

NCT-010 Freshman Seminar
(1 Supplemental Education Unit)

### Requirements for the Social Studies Major

**Option one:**
Complete a History major
(36–39 semester hours)
See the requirements for the history major listed in the School of Liberal Arts and Sciences chapter, page 76.

**Option two:**
Complete a Social Studies major that includes the following:
(36 semester hours)

**Course**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Five courses in one social science discipline (economics, history, philosophy, political science, psychology, or sociology), including a research course</td>
<td>15</td>
</tr>
<tr>
<td>Regional history (Latin America, Near East, Far East, or Africa)</td>
<td>6</td>
</tr>
<tr>
<td>Social science electives</td>
<td>15</td>
</tr>
</tbody>
</table>

### Professional Education Requirements
(30 semester hours)

Sophomore-level introductory professional courses with associated field experiences:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-106</td>
<td>Contexts of Schooling</td>
<td>3</td>
</tr>
<tr>
<td>EDU-206</td>
<td>Developmental Educational Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Junior- and senior-level curriculum and instruction courses with associated field experiences

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SED-370</td>
<td>Teaching in the High School</td>
<td>3</td>
</tr>
<tr>
<td>ELD-376</td>
<td>Teaching Science, Social Studies, and the Arts, N–8</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELD-385</td>
<td>Teaching Science in the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>SED-405</td>
<td>Teaching Social Studies in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>SED-431</td>
<td>Content Area Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior-level courses including full-time student teaching:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-465</td>
<td>Student Teaching and Seminar</td>
<td>12</td>
</tr>
</tbody>
</table>

### Psychology Teacher Certification
This program specialization prepares students to become certified teachers of psychology. It is available to students enrolled in the elementary or social studies education programs. Students must elect psychology or social studies as the second major accompanying the education major and take the appropriate psychology internship (PSY-480: Field Work Internships in Psychology).
### Business Education (B.S. in Education)

**Comprehensive Business Education, Marketing Education, and Cooperative Education Coordinator**

**General Studies**
(48–51 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>ECO-200</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO-201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Developmental Psychology elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English Writing</td>
<td>6–9</td>
</tr>
<tr>
<td></td>
<td>Literature</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>History</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Philosophy</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Studies electives</td>
<td>9</td>
</tr>
<tr>
<td>NCT-010</td>
<td>Freshman Seminar</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1 Supplemental Education Unit)</td>
<td></td>
</tr>
</tbody>
</table>

**Requirements for the Business Education Major**
(48 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BED-110</td>
<td>Alphabetic Shorthand</td>
<td>3</td>
</tr>
<tr>
<td>BUS-210</td>
<td>Introduction to Law: Contracts</td>
<td>3</td>
</tr>
<tr>
<td>MKT-200</td>
<td>Marketing Principles</td>
<td>3</td>
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<td>MKT-348</td>
<td>Small Business Management</td>
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<tr>
<td>BED-445</td>
<td>Cooperative Work Experience</td>
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<tr>
<td>MGT-201</td>
<td>Fundamentals of Management and Organizational Behavior</td>
<td>3</td>
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<td>ENG-317</td>
<td>Electronic Writers Workshop</td>
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<tr>
<td>or</td>
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<tr>
<td>ENG-321</td>
<td>Workplace Writing: Business and Professional Contexts</td>
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<td>MGT-336</td>
<td>Career Management</td>
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<tr>
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<td></td>
<td></td>
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<tr>
<td>MGT-355</td>
<td>Team Management</td>
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<tr>
<td>or</td>
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<tr>
<td>MGT-363</td>
<td>Management Skills</td>
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<td>or</td>
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<tr>
<td>MKT-320</td>
<td>Consumer Behavior</td>
<td>3</td>
</tr>
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<td>or</td>
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<td>MKT-340</td>
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<td>or</td>
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<tr>
<td>MKT-336</td>
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<td></td>
<td>Technology electives</td>
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**Professional Education**
(30 semester hours)

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<td>Contexts of Schooling</td>
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<tr>
<td>EDU-206</td>
<td>Developmental Educational Psychology</td>
<td>3</td>
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<tr>
<td>SED-370</td>
<td>Teaching in the High School</td>
<td>3</td>
</tr>
<tr>
<td>BED-410</td>
<td>Principles and Strategies of Vocational and Cooperative Education</td>
<td>3</td>
</tr>
<tr>
<td>BED-415</td>
<td>Teaching Business Subjects</td>
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<tr>
<td>SED-431</td>
<td>Content Area Reading and Writing</td>
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</tr>
<tr>
<td>EDU-465</td>
<td>Student Teaching and Seminar</td>
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</table>
School of Fine and Performing Arts
School of Fine and Performing Arts

A division of the Westminster College of the Arts, The School of Fine and Performing Arts is located on Rider’s Lawrenceville campus. The school currently offers a Bachelor of Arts degree in Fine Arts with tracks in dance, music, theater and art. Beginning in the 2008–2009 academic year, we will offer a Bachelor of Arts in Music and a Bachelor of Music in Music Theater.

Mission

Westminster College of the Arts educates and trains aspiring performers, artists, teachers, and students with artistic interests, to pursue professional, scholarly and lifelong personal opportunities in art, dance, music and theater. The college consists of two schools: Westminster Choir College and The School of Fine and Performing Arts. Through innovative and integrated programs and a commitment to discipline and excellence, the college serves as a cultural force within the University and community.

Westminster Choir College is a professional college of music with a unique choral emphasis that prepares undergraduate and graduate students for careers in performance, teaching, sacred music and composition. In an atmosphere that encourages personal and musical growth and nurtures leadership qualities, Westminster Choir College complements professional training in music with studies in the liberal arts. Founded for Christian service, Westminster Choir College was a pioneer in establishing the highest standards in choral performance and church music. Today, the curriculum teaches pluralism and holds service through music to be ennobling, liberating and integral to a rewarding and productive life.

The School of Fine and Performing Arts focuses on art, dance, music, music theater, theater and arts administration. Through programs that provide a historical, aesthetic, practical and professional perspective, students develop the skills to excel in a professional career while growing intellectually from a broadly based liberal arts curriculum. The school fosters meaningful engagement in the arts to students who wish to become professional artists as well as students who view the arts as an integral part of overall intellectual growth. The school nurtures and challenges the artist within all students and prepares them to contribute to an ever-changing global society.

Bachelor of Arts in Music (B.A.M.)
Bachelor of Music (B.M.) in Music Theater

At the time this catalog was printed, the curricula for these majors were under review. Students entering in fall 2008 should consult with the program director to confirm requirements.

General Requirements

These requirements are in addition to university requirements listed elsewhere in this catalog or in The Source.

Admission as a Freshman

Students may apply for admission to undergraduate study for the fall or spring term. Applicants are encouraged to begin the application process late in the junior or early in the senior year of high school. It is expected that all applicants will have decided upon music as a career.

Westminster College of the Arts uses a rolling admissions policy. Completed applications are reviewed on a regular basis and students are notified of decisions. Students initiate the application process by first completing the Rider University application. All items must be in the admissions office before a decision can be reached. The following are necessary for admission:

• Applications: Students may request application forms by contacting the admissions office or through the Rider University Web site.

• Audition: A satisfactory audition must be completed before a student is accepted into the college. Audition requirements may be found in the college view book or on our Web site.

• Credentials: Applicants for admission to the freshman class should be graduates or prospective graduates of accredited secondary schools where they have pursued college preparatory courses. Four secondary school credits must be presented in English as well as other credits in disciplines such as natural sciences, history and social studies, mathematics, foreign languages, and music. It is each student’s responsibility to have an official and final high school transcript sent to the admissions office in order to document high school diploma conferral. Applicants who hold high school equivalency diplomas and high school graduates who have pursued business courses will be considered. Two letters of recommendation and an essay are required.

• Gordon/AMMA test: All applicants are asked to take Edwin Gordon’s Musical Aptitude Test. This test measures the level of musicianship by testing students’ aural and rhythmic skills.

• Standardized test scores: Students must submit scores from either the Scholastic Aptitude Test (SAT) of the College Board or from the American College Testing Program (ACT). These scores, together with high school transcripts, are used as important indicators of academic success at the college level. Students may inquire about registration procedures for the SAT by contacting the College Entrance Examination Board, Box 592, Princeton, N.J. 08540 (609-921-9000) or for the ACT by contacting the American College Testing Program, P.O. Box 414, Iowa City, Iowa 52243 (319-337-1270) or simply by seeing their high school guidance counselors.

• Placement Examinations: All entering freshmen take a series of placement examinations, in accordance with university policies listed elsewhere in this catalog. Students exempted from any graduation requirement as a result of those examinations must replace those credits with Arts and Science or music electives, as appropriate. Regarding music placement tests in theory and piano, please consult the Hearings and Tests booklet, available from the Westminster Choir College academic coordinator or online.
**Degree Requirements**

- Students in the B.M.–Music Theater and B.A.–Music degrees must earn a minimum of 124 credits.
- If more than one year has elapsed since the date of last enrollment, students may be required to reapply and re-audition for the program, and must meet all requirements in place at the time of their readmission.
- Students must earn a minimum cumulative grade point average of 2.00. Students dropped from a major because of failure to maintain the minimum grade point average may apply for readmission. Readmission will be dependent upon various criteria, including the GPA, current academic progress, and the student’s general standing.
- B.M.–Music Theater majors must earn a minimum grade of "B-" each semester in the primary applied music field in order to make satisfactory progress. If a grade of "C+" or lower is earned, the student must repeat the semester. All other students must earn a minimum grade of "C-" each semester in the primary applied music field. If a grade of "D" or lower is earned, a student must repeat the semester.
- Students must meet attendance and performance requirements in studio performance classes and labs as set by each applied area or program.
- Students must pass a general progress jury at the end of one year of secondary applied study and a proficiency test to complete secondary piano or secondary voice applied study.
- All students must present a senior primary applied recital after qualifying according to applied area standards. Students must enroll for primary applied study during the term when any recital is to be presented unless specifically excused from this requirement by the primary applied area.
- Students must participate in and earn credit for one of the large choirs during every semester of enrollment, up to a maximum of eight semesters, except for students who undertake a full-time, credit-bearing internship, for whom the maximum is seven semesters.
- A maximum of three credits earned through non-required ensemble participation may be presented in satisfaction of credits in the "Free electives" category.
- In addition to the information given here and on the following pages, students are referred to individual department handbooks for additional information and requirements.
- Requirements for the specific majors are outlined in the charts on the following pages.

**Applied Music**

Each semester, students must register for two credits of applied music in the primary instrument (voice or piano). These courses are VC-101 and PI-101, respectively. The section number corresponds to the instructor with whom the student will study.

Secondary instruction is provided through class instruction in either VC-103, Voice Secondary, or PI-103, Piano Secondary. Each class receives one credit.

**Piano Proficiency Test**

All undergraduate voice primary students must pass the Piano Proficiency Test and must continue to enroll for piano secondary study each semester until this requirement is met. The test is given during Orientation Week prior to the start of the fall term and at the end of each semester.

**All Undergraduates**

1. **Repertoire requirement:**
   - Two contrasting compositions selected from the Baroque, Classical, Romantic, Impressionist and Contemporary periods.

2. **Keyboard skills requirement:**
   - Prepare all major scales and harmonic forms of minor scales, ascending and descending, two octaves, hands alone.
   - Play a prepared left-hand accompaniment to four different melodies, using I, IV, and V7 chords, with or without given chord symbols. The student may select the first melody. The jury will select subsequent melodies.
   - Transpose all four melodies a step up or down from the original key, prepared with an accompaniment.
   - Play a four-part open score.
   - Play “Happy Birthday” in the key of F or G major (student choice).
   - Harmonize and transpose a simple melody at sight. Block chords may be used.

**Additional requirements for Music Theater majors:**

- Play two prepared vocal accompaniments, both performed with a singer.
- Play a prepared accompaniment from a lead sheet.

**Additional requirements for Bachelor of Arts in Music students:**

- Play an additional repertoire piece.

**Bachelor of Music (B.M.) in Music Theater**

**General Remarks**

The Music Theater program offered by the Westminster College of the Arts provides thorough preparation in the fundamentals of acting, singing and dancing. Majors pursue a Bachelor of Music degree program that offers the rigorous musical and vocal training that has long been a hallmark of Westminster Choir College. This quality of voice instruction and the priority placed upon vocal health lie at the heart of the program.

Vocal expectations for music theater majors are very high, reflecting a desire to prepare graduates for career options not only in music theater but also in the world of professional singing, including opera and the concert stage. The demand for good singing and strong musical skills has never been more apparent on Broadway or in the extraordinary number of music theater productions that take place annually throughout the world.

The acting and dance curricula are equally rigorous, preparing students for the varied demands of the profession. Courses are offered throughout the curriculum, and follow a progressive design. In their final semester of this program, senior music theater majors are presented to the music theater industry in a New York City Showcase.
Music Theater Lab
All majors are required to attend a weekly music theater lab during every semester of enrollment. The lab supplements curricular instruction with presentations by guest artists, managers, agents, and casting directors. This interface provides each student with an opportunity for interaction with some of the most important professionals in the music theater business.

Performing Opportunities at Rider University
The music theater program offers two fully staged productions led by faculty and experienced and notable directors, conductors and choreographers from the professional community. The Fine Arts Department on the Lawrenceville campus offers a well-established theater program that provides additional performing opportunities in three major productions. These productions are presented in the extensively refurbished Yvonne Theater. Majors also are encouraged to participate in student-directed and produced events, presented each year on both campuses.

Music theater majors must participate in backstage capacities and, following casting auditions, in a minimum of one major or supporting role. Further performing opportunities are offered to Westminster College of the Arts students who join the non-credit Westminster Conservatory Actors Company, which stages several music theater productions annually.

Dance Instruction
Ballet, tap, jazz dance and studies in Broadway styles are offered in collaboration with the Princeton Ballet School. Additional and supporting courses in “Body Awareness” and “Fundamentals of Western Dance” are taught on the Lawrenceville campus.

Bachelor of Music in Music Theater
Piano primary track

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CR-109</td>
<td>Chapel Choir (2 terms, 1 credit each)</td>
<td>2</td>
</tr>
<tr>
<td>CR-209</td>
<td>Schola Cantorum (2 terms, 1 credit each)</td>
<td>2</td>
</tr>
<tr>
<td>CR-309</td>
<td>Symphonic Choir (4 terms, 1 credit each)</td>
<td>4</td>
</tr>
<tr>
<td>CR-215</td>
<td>Fundamentals of Conducting</td>
<td>3</td>
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<td>CR-315</td>
<td>Techniques of Conducting</td>
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Applied Music and Diction

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<th>Credits</th>
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<tr>
<td>VC-117</td>
<td>English Diction</td>
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<tr>
<td>PI-340</td>
<td>Keyboard Skills</td>
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<td>PI-413</td>
<td>Accompanying Class</td>
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<td>PI-513</td>
<td>Jazz Keyboard Improvisation</td>
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<td>Musicianship II</td>
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<td>TH-241</td>
<td>Musicianship III</td>
<td>4</td>
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<td>TH-342</td>
<td>Contemporary Trends</td>
<td>3</td>
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<td>Theory Level I elective2</td>
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<td>Theory Level II elective</td>
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<td>MH-345</td>
<td>Music History since 1900</td>
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<td>MH-247</td>
<td>Music Historiography I</td>
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<td>MH-248</td>
<td>Music Historiography II</td>
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Professional Studies

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<td>MT-101</td>
<td>Body Awareness</td>
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<tr>
<td>MT-109</td>
<td>Ballet I</td>
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<td>MT-111</td>
<td>Music Theater Lab3</td>
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<tr>
<td>MT-209</td>
<td>Tap Dance I</td>
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<td>MT-309</td>
<td>Jazz Dance I</td>
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<td>Music Theater Vocal Coaching</td>
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<td>MT-216</td>
<td>Acting for the Music Theater Major I</td>
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<td>Speech for the Actor</td>
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<td>MT-492</td>
<td>Singing Actor: Music Theater</td>
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<td>MT-493</td>
<td>Music Theater Production4</td>
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<td>Workshop in Music Theater</td>
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Arts and Sciences

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<th>Course Title</th>
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<tr>
<td>LL-131</td>
<td>English Composition</td>
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<td>LL-227</td>
<td>Drama as Literature</td>
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<td>History elective</td>
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<td>Social/behavioral/natural science elective</td>
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<td>Foreign Language I/II (2 courses)</td>
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Free Electives

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<th>Course Title</th>
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<td>Free electives</td>
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</table>

Total Required Credits 132

Notes:
1 For a student who undertakes a full-time, 12-credit internship, a semester of CR-309, Symphonic Choir, may be waived.
2 It is recommended that pianists take TH-422, Electroacoustic Music as the Theory Level I elective.
3 Attendance is required of all music theater majors at weekly Music Theater Lab except during an internship or student teaching semester.
4 A student must earn credit for participation in the cast or chorus of a music theater or opera production, which carries two credits on the Westminster campus. This requirement also may be met by participa-
tion in a role when a student is cast in a Lawrenceville music theater production, which carries two credits for Westminster students.

Completion of French, German, Italian, or Latin II is required. If students are exempted from one or more semesters of foreign language study, they must replace the missing credits with other Arts and Sciences electives.

At the end of the second year, music theater majors must pass a Sophomore Review. Students who do not pass this review may, at the sole discretion of the Music Theater Program Committee, be dismissed from the major or placed on probation for a semester or year, at the end of which period a comparable review must be passed.

A full recital must be presented in the senior year. All recitals must receive prior departmental approval.

Bachelor of Music in Music Theater

Voice primary track

<table>
<thead>
<tr>
<th>Choirs Course No.</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>CR-109</td>
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<td>Symphonic Choir¹ (4 terms, 1 credit each)</td>
<td>4</td>
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Applied Music and Diction

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<tbody>
<tr>
<td>VC-115</td>
<td>English and Italian Diction</td>
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Theory and Music History

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<td>MT-101</td>
<td>Body Awareness</td>
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<td>MT-110</td>
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<td>MT-111</td>
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<tr>
<td>MT-207</td>
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<tr>
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<td>Tap Dance I</td>
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</tr>
<tr>
<td>MT-210</td>
<td>Tap Dance II</td>
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</tr>
<tr>
<td>MT-216</td>
<td>Acting for the Music Theater Major I</td>
<td>3</td>
</tr>
<tr>
<td>MT-217</td>
<td>Acting for the Music Theater Major II</td>
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</tr>
<tr>
<td>MT-309</td>
<td>Jazz Dance I</td>
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Art and Sciences

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Free Electives

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<tbody>
<tr>
<td>-</td>
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</tbody>
</table>

Total Required Credits

132

Notes:

¹ For a student who undertakes a full-time, 12-credit internship, a semester of CR-309, Symphonic Choir, may be waived.

² Attendance is required of all music theater majors at weekly Music Theater Lab except during an internship or student teaching semester.

³ A student must earn credit for participation in the cast or chorus of a music theater or opera production, which carries two credits on the Westminster campus. This requirement also may be met by participation in a role when a student is cast in a Lawrenceville music theater production, which carries two credits for Westminster students.

⁴ Completion of French, German, Italian, or Latin II is required. If students are exempted from one or more semesters of foreign language study, they must replace the missing credits with other Arts and Sciences electives.

⁵ At the end of the second year, music theater majors must pass a Sophomore Review in order to demonstrate proficiency as singing actors. Students who do not pass this review may, at the sole discretion of the Music Theater Program Committee, be dismissed from the major or placed on probation for a semester or year, at the end of which period a comparable review must be passed.

⁶ A full recital must be presented in the senior year. All recitals must receive prior departmental approval.
### Bachelor of Arts in Music (B.A.M.)

<table>
<thead>
<tr>
<th>Choirs</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR-109</td>
<td>Chapel Choir (2 terms, 1 credit each)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CR-209</td>
<td>Schola Cantorum (2 terms, 1 credit each)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CR-309</td>
<td>Symphonic Choir (4 terms, 1 credit each)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### Applied Music and Diction

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice, organ, or piano primary (7 terms, 2 credits each)</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Voice or piano secondary (4 terms, 1 credit each)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>VC-115</td>
<td>English and Italian Diction</td>
<td>2</td>
</tr>
<tr>
<td>VC-116</td>
<td>French and German Diction</td>
<td>2</td>
</tr>
</tbody>
</table>

### Theory and Music History

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH-141</td>
<td>Musicianship I (2 courses)</td>
<td>4</td>
</tr>
<tr>
<td>TH-142</td>
<td>Musicianship II</td>
<td>4</td>
</tr>
<tr>
<td>TH-241</td>
<td>Musicianship III</td>
<td>4</td>
</tr>
<tr>
<td>MH-247</td>
<td>Music Historiography I (2 courses)</td>
<td>3</td>
</tr>
<tr>
<td>MH-248</td>
<td>Music Historiography II</td>
<td>3</td>
</tr>
<tr>
<td>MH-249</td>
<td>Music History elective</td>
<td>3</td>
</tr>
<tr>
<td>TH-342</td>
<td>Contemporary Trends</td>
<td>3</td>
</tr>
<tr>
<td>MH-345</td>
<td>Music History since 1900</td>
<td>3</td>
</tr>
</tbody>
</table>

### Arts and Sciences

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL-131</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language I/II/III/IV⁴</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Literature or philosophy elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Social/behavioral/natural science electives⁵ (2 courses, 3 credits each)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>History electives (2 courses, 3 credits each)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Arts and Sciences electives (11 courses, 3 credits each)</td>
<td>33</td>
<td></td>
</tr>
</tbody>
</table>

### Free Electives

| Free electives | 6 |

**Total Required Credits** 126

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### Fine Arts Department

**Arts, Dance, Music and Theater**

The School of Fine and Performing Arts offers many opportunities for students—regardless of major—to participate in the arts. Our highly regarded theater program produces plays and musicals throughout the year in the 442-seat Yvonne Theater and the 90-seat Spitz Studio Theater. The Rider Band and the Rider Choir welcome participants from throughout the student body. Our dance program presents several performances, some in collaboration with local dance companies. The Rider University Art Gallery showcases leading regional and national artists, as well as student work. Artist lectures and gallery recitals bring additional opportunities for artistic enrichment to our students and the community.

**Fine Arts**

**Requirements for the Major**

(32–34 semester hours)

Students must satisfy the requirements of one of the following tracks: art, dance, music, or theater arts.

**Requirements for the Tracks**

**Art**

(39 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART-103</td>
<td>Fundamentals of Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART-104</td>
<td>Survey of Art History I</td>
<td>3</td>
</tr>
<tr>
<td>ART-105</td>
<td>Design</td>
<td>3</td>
</tr>
<tr>
<td>ART-106</td>
<td>Survey of Art History II</td>
<td>3</td>
</tr>
<tr>
<td>ART-204</td>
<td>Fundamentals of Painting</td>
<td>3</td>
</tr>
<tr>
<td>ART-304</td>
<td>Drawing II</td>
<td>3</td>
</tr>
<tr>
<td>ART-305</td>
<td>Intermediate Painting A-B-C</td>
<td>3</td>
</tr>
<tr>
<td>ART-492</td>
<td>Advanced Studio Workshop</td>
<td>3</td>
</tr>
</tbody>
</table>

Two electives in art history or studio art 6
One history course each in dance, music and theater 9

---

¹ With the permission of the Conducting Department, a student who undertakes a 12-credit internship may be excused from Symphonic Choir during the semester of internship. Internship credits replace Arts and Sciences elective credits.

² VC-115 and VC-116 are required for voice primary students only. Organ and piano primary students may substitute four additional credits of free electives.

³ Completion of French, German, Spanish, Italian, or Latin IV is required. If students are exempted from one or more semesters of foreign language study, they must replace the missing credits with other Arts and Sciences electives.

⁴ Social/behavioral/natural science electives exclude history courses, but mathematics courses are acceptable.

⁵ Music History or Art History courses do not fulfill history elective requirements.

⁶ A minimum of 39 Arts and Sciences credits must be earned within Rider University and/or through the cooperative program with Princeton University.
Dance* (32 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-110</td>
<td>Elementary Music Theory</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>Intermediate Music Theory</td>
<td>3</td>
</tr>
<tr>
<td>DAN-100</td>
<td>Dance Fundamentals</td>
<td>2</td>
</tr>
<tr>
<td>DAN-105</td>
<td>Survey of Dance History</td>
<td>3</td>
</tr>
<tr>
<td>DAN-300</td>
<td>Studio and Lecture in Dance</td>
<td>12</td>
</tr>
<tr>
<td>DAN-350</td>
<td>History of Ballet, Modern and Jazz Dance</td>
<td>3</td>
</tr>
</tbody>
</table>

One history course each in art, music and theater 9

*MAll dance courses are taken at the Princeton Ballet School, Princeton, New Jersey.

Music (40–42 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-105</td>
<td>Survey of Music History I</td>
<td>3</td>
</tr>
<tr>
<td>MUS-106</td>
<td>Survey of Music History II</td>
<td>3</td>
</tr>
<tr>
<td>MUS-110</td>
<td>Elementary Music Theory</td>
<td>3</td>
</tr>
<tr>
<td>MUS-111</td>
<td>Intermediate Music Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Four music history courses from the following:

MUS-208 Music of the Theater 3
MUS-209 Great Composers 3
MUS-300 Beethoven and the Romantic Age 3
MUS-303 Music Literature: Baroque Era 3
MUS-306 Contemporary Musical Experience 3
MUS-309 Film Music 3

Two courses from the following:

MUS-131, 132 Beginning Piano I, II 3
MUS-233 Intermediate Piano A, B, C, D 3

One course from the following:

MUS-127 Instrumental Ensemble—Band 1–3
MUS-128 Choir 3
MUS-130 Music in Children's Lives 3
MUS-493 Selected Topics in Musical Performance 3

Theater History (45 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE-105</td>
<td>Theater History to 1700</td>
<td>3</td>
</tr>
<tr>
<td>THE-106</td>
<td>Theater History Since 1700</td>
<td>3</td>
</tr>
<tr>
<td>THE-107</td>
<td>Acting I Intro to Acting</td>
<td>3</td>
</tr>
<tr>
<td>THE-110</td>
<td>Acting II Scene Study</td>
<td>3</td>
</tr>
<tr>
<td>THE-115</td>
<td>Stagecraft</td>
<td>3</td>
</tr>
<tr>
<td>THE-208</td>
<td>Acting III Advanced Scene Study</td>
<td>3</td>
</tr>
<tr>
<td>THE-209</td>
<td>Acting IV Styles of Acting</td>
<td>3</td>
</tr>
<tr>
<td>THE-400</td>
<td>Directing</td>
<td>3</td>
</tr>
</tbody>
</table>

Two theater history courses at the 300 or 400 level 6

*All theater courses are expected to work 24 hours a semester, or 48 hours a year, for the department in theater-related activities (i.e., stage crew, acting, carpentry).

Requirements for the Minor (21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART-104, 106 Survey of Art History I, II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ART-201</td>
<td>Art of the Ancient World</td>
<td>3</td>
</tr>
<tr>
<td>ART-207</td>
<td>Medieval and Renaissance Art</td>
<td>3</td>
</tr>
<tr>
<td>ART-209</td>
<td>Art of the Baroque</td>
<td>3</td>
</tr>
<tr>
<td>ART-214</td>
<td>American Art</td>
<td>3</td>
</tr>
<tr>
<td>ART-303</td>
<td>19th-Century Art</td>
<td>3</td>
</tr>
<tr>
<td>ART-306</td>
<td>Art of the 20th Century</td>
<td>3</td>
</tr>
<tr>
<td>ART-495</td>
<td>Selected Topics in Art History</td>
<td>3</td>
</tr>
</tbody>
</table>

Music History

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-105, 106 Survey of Music History I, II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUS-208</td>
<td>Masterworks in Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS-209</td>
<td>Music of the Theater</td>
<td>3</td>
</tr>
<tr>
<td>MUS-300</td>
<td>Beethoven and the Romantic Age</td>
<td>3</td>
</tr>
<tr>
<td>MUS-303</td>
<td>Music Literature: Baroque Era</td>
<td>3</td>
</tr>
<tr>
<td>MUS-306</td>
<td>Contemporary Musical Experience</td>
<td>3</td>
</tr>
<tr>
<td>MUS-309</td>
<td>Film Music</td>
<td>3</td>
</tr>
</tbody>
</table>

Theater History

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE-105</td>
<td>Theater History to 1700</td>
<td>3</td>
</tr>
<tr>
<td>THE-106</td>
<td>Theater History since 1700</td>
<td>3</td>
</tr>
<tr>
<td>THE-306</td>
<td>American Theater History</td>
<td>3</td>
</tr>
<tr>
<td>THE-307</td>
<td>Contemporary American Theater</td>
<td>3</td>
</tr>
<tr>
<td>THE-308</td>
<td>Modern Drama</td>
<td>3</td>
</tr>
<tr>
<td>THE-495</td>
<td>Selected Topics in Theater History</td>
<td>3</td>
</tr>
</tbody>
</table>

In addition, all minors must take a minimum of 12 semester hours in one area of concentration (art, music or theater). Of the 21 semester hours for the minor, at least nine must be at the 300 or 400 level, and no more than three may be independent study or internship.
Requirements for the Dance Minor
(20 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-110</td>
<td>Elementary Music Theory</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>Intermediate Music Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Art and Theater History

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
</table>

One course from the following:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART-104, 106</td>
<td>Survey of Art History I, II</td>
<td>3</td>
</tr>
<tr>
<td>ART-201</td>
<td>Art of the Ancient World</td>
<td></td>
</tr>
<tr>
<td>ART-207</td>
<td>Medieval and Renaissance Art</td>
<td></td>
</tr>
<tr>
<td>ART-209</td>
<td>Art of the Baroque</td>
<td></td>
</tr>
<tr>
<td>ART-214</td>
<td>American Art</td>
<td></td>
</tr>
<tr>
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<td>19th-Century Art</td>
<td></td>
</tr>
<tr>
<td>ART-306</td>
<td>Art of the 20th Century</td>
<td></td>
</tr>
<tr>
<td>ART-495</td>
<td>Selected Topics in Art History</td>
<td></td>
</tr>
<tr>
<td>THE-105</td>
<td>Theater History since 1700</td>
<td></td>
</tr>
<tr>
<td>THE-106</td>
<td>Theater History to 1700</td>
<td></td>
</tr>
<tr>
<td>THE-306</td>
<td>American Theater History</td>
<td></td>
</tr>
<tr>
<td>THE-307</td>
<td>Contemporary American Theater</td>
<td></td>
</tr>
<tr>
<td>THE-308</td>
<td>Modern Drama</td>
<td></td>
</tr>
<tr>
<td>THE-495</td>
<td>Selected Topics in Theater History</td>
<td></td>
</tr>
</tbody>
</table>

Music History

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-105, 106</td>
<td>Survey of Music History I, II</td>
<td>3</td>
</tr>
<tr>
<td>MUS-207</td>
<td>Masterworks in Music</td>
<td></td>
</tr>
<tr>
<td>MUS-208</td>
<td>Music of the Theater</td>
<td></td>
</tr>
<tr>
<td>MUS-300</td>
<td>Beethoven and the Romantic Age</td>
<td></td>
</tr>
<tr>
<td>MUS-303</td>
<td>Music Literature: Baroque Era</td>
<td></td>
</tr>
<tr>
<td>MUS-306</td>
<td>Contemporary Musical Experience</td>
<td></td>
</tr>
<tr>
<td>MUS-309</td>
<td>Film Music</td>
<td></td>
</tr>
</tbody>
</table>

Dance

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAN-105</td>
<td>Survey of Dance History</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DAN-350</td>
<td>History of Ballet, Modern and Jazz Dance</td>
<td>3</td>
</tr>
</tbody>
</table>

Eight semester hours of dance from the Princeton Ballet School

Honors Program in Fine Arts

A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a cumulative average of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, represents a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.
School of Liberal Arts and Sciences

Choices. That’s what Liberal Arts and Sciences is all about. Whatever future occupation a student may envision, there is a program to fit the need. The School of Liberal Arts and Sciences (SLAS) allows students an opportunity to explore different arenas before settling on a major. Rider’s graduates prove just how diverse the liberal arts program is: bankers, journalists, lawyers and authors have all received degrees in liberal arts and sciences.

Liberal arts majors benefit from a flexible program that allows students to concentrate within their field of study. Students in the department of communication and journalism, for example, can opt for a graphic design, news-editorial journalism, public relations, multimedia and Web design, speech and interpersonal communication, or radio and television track.

And learning from a faculty as diverse as the program also broadens the students’ education. The faculty, 99 percent of whom hold doctoral degrees, offer a wide range of experience and academic backgrounds. Some are published writers and professional actors, while others are politicians and journalists.

If, however, a student is certain science is the proper path to take, Liberal Arts and Sciences is still the place to be. State-of-the-art facilities and a faculty that brings national research into the classroom take science out of the textbook and into the students’ hands.

The Science and Technology Center houses laboratories that are used by students in all science majors for research with faculty. The marine sciences program takes Rider students to Maine, Florida, Bermuda, and Roatan, Honduras.

The faculty are involved in some of the most exciting research in the country and receive major grants funded from nationally recognized organizations. Working in conjunction with these professors, undergraduate students will conduct their own research in such groundbreaking fields as cancer and AIDS research, plant breeding and genetics and work in superconductivity and materials research. Often, this work leads to publication in worldwide scientific journals.

Whether a student is looking for a broad-based liberal arts education, or ready to devote four years to the sciences, Liberal Arts and Sciences has what students want.

Choices.

Mission

The School of Liberal Arts and Sciences seeks to encourage students to develop a broad understanding and appreciation of the main areas of human knowledge and values. It seeks to accomplish this goal by means of a well-defined core curriculum and clearly defined and freely chosen specialized majors. Its central objectives are to prepare pre-professional competence in the liberal arts and sciences and to prepare the student for a lifetime of learning that is responsive to change. The student is introduced to disciplines that provide the basis for a critical assessment of the value of change, and to the changes in knowledge and values that affect human life and institutional structures.

Students must choose a major field and register for it in the office of the dean before the completion of 60 credits. When the major is declared, each student is assigned a permanent faculty advisor in the chosen field who provides course selection advice. Before a major is declared, a student is assigned a specially designated university studies advisor who guides the student in the eventual selection of an appropriate major.

All students in the School of Liberal Arts and Sciences must meet with their advisors at least once a semester during the course selection period. Students registering in person at the registrar’s office must obtain their advisor’s signature on their course request forms. Students registering on-line must have their advisor “green-light” them in the on-line system.

Students in good academic standing may receive permission from the office of the dean to enroll as double majors, or as minors, provided they first seek and receive the approval of the departments concerned. Such students will be expected to meet all the requirements of each major, or of the minor, and will be assigned an advisor in each department.

Undergraduate Departments

The following are the departments of the School of Liberal Arts and Sciences: biology; chemistry; biochemistry and physics; communication and journalism; English; foreign languages and literatures; geological, environmental, and marine sciences; history; mathematics; philosophy; political science; psychology; and sociology.
The bachelor of arts degree is awarded to students satisfactorily completing requirements in the following disciplines: American studies, communication, economics, English, French, German, global and multinational studies, history, integrated sciences and math, journalism, mathematics, philosophy, political science, psychology, Russian, sociology, and Spanish.

The bachelor of science degree is awarded to students satisfactorily completing requirements in the following disciplines: biochemistry, biology, biopsychology, chemistry, environmental science, geosciences, and marine sciences.

**Graduation Requirements**

All students majoring in disciplines in the School of Liberal Arts and Sciences must complete satisfactorily 120 credits, at least 99 of which must be within SLAS. The remaining credits may be taken in courses approved by any other school or college of Rider. The last 30 credits must be taken at Rider.

For graduation, all students must have a 2.0 cumulative average. They must have at least a 2.0 cumulative average in the major, in all liberal arts and sciences courses, and, if applicable, in the second major or minor. All students must fulfill the core curriculum requirements.

**The Core Curriculum**

The core curriculum is designed to provide an integrated approach to the study of the liberal arts. The curriculum examines a single theme from a variety of perspectives, emphasizing the relationships of knowledge and values and respect for different points of view.

The core applies to all students matriculated in the School of Liberal Arts and Sciences. It is expected that the core curriculum requirements will be completed by the end of the sophomore year. Courses taken as part of the core cannot be used to fulfill requirements of a major or a minor unless a department permits it.

**Core Curriculum Requirements**

(42–43 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMP-115</td>
<td>Introduction to Expository Writing</td>
<td>6–9</td>
</tr>
<tr>
<td>CMP-120</td>
<td>Expository Writing</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>BHP-100 Honors Seminar: Great Ideas I</td>
<td></td>
</tr>
<tr>
<td>CMP-125</td>
<td>Research Writing</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>CMP-203 Literature and Composition</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>BHP-150 Honors Seminar: Great Ideas II</td>
<td></td>
</tr>
</tbody>
</table>

* CMP-115 will be waived for students who attain a 530 or above on the writing section and 500 or above on the critical reading section of the SAT or a score of 4 or above on the English Department placement test.

<table>
<thead>
<tr>
<th>Reading**</th>
<th>**(0–2 Supplemental Education Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRC-101S</td>
<td>Introduction to Academic Reading</td>
</tr>
</tbody>
</table>

**Foreign language***

- Chinese, French, German, Italian, Russian, or Spanish I, II

***Students who place at the 200-level or above are still expected to take a minimum of 3 credits at the level of placement. Students who are native speakers of other languages may have their requirement waived upon documentation of proficiency. To initiate a request for a waiver, students should see the chairperson of the foreign language department.

**Mathematics†**

One course from the following:

- MTH-102 Elements of Finite Mathematics
- MTH-105 Algebra and Trigonometry
- MTH-210 Calculus I

<table>
<thead>
<tr>
<th>Science†</th>
</tr>
</thead>
</table>

Two courses from the following:

- BIO-100 Life Science: Human Emphasis
- BIO-101 Life Science: Cell Biology and Genetics Emphasis
- BIO-103 Life Science: Ecobotanical Emphasis
- BIO-106 Life Science: Human Disease Emphasis
- BIO-108 Life Science: The Biology of Human Aging
- BPY-107 Life Science: Biopsychology Emphasis
- CHE-100 Introduction to College Chemistry
- CHE-115 Chemistry and Contemporary Society
- GEO-100 Earth Systems Science
- GEO-113 Environmental Geology
- GEO-168 Mesozoic Ruling Reptiles
- MAR-120 Oceanography
- MAR-2xx Introduction to Field Marine Science
- PHY-103 Science of Light and Color
- PHY-104 Energy, the Environment, and Man
- PHY-180 Astronomy
- PSY-100 Introduction to Psychology

† Appropriate mathematics and science courses may be substituted if required by the major.

**Social Sciences and Communication**

Two courses from the following:

- POL-100 Introduction to American Politics
- or
- POL-102 Understanding Politics
- SOC-101 The Sociological Imagination
- SOC-110 Cultural Anthropology
- COM-105 Mass Media Communication
- ECO-200 Principles of Macroeconomics
- or
- ECO-201 Principles of Microeconomics

**History**

- HIS-150 World History to 1500
- HIS-151 World History since 1500
One course in fine arts, one course in literature, and one course in philosophy from the following:

**Fine Arts**
- ART-104 Survey of Art History I
- ART-106 Survey of Art History II
- ART-120 Art and Society
- MUS-105 Survey of Music History I
- MUS-106 Survey of Music History II
- MUS-120 Music and Society
- THE-105 Theater History to 1700
- THE-106 Theater History since 1700
- THE-120 Theater Appreciation
- ART-, MUS-, The Arts in Contemporary Civilization

**Literature**
- ENG-205 Understanding Literature
- ENG-208 Arthurian Legends in Literature
- ENG-210 Major American Authors
- ENG-211 Major British Authors
- ENG-213 Literature and Mythology
- ENG-215 Satire and Comedy
- ENG-217 Introduction to Shakespeare
- ENG-220 Literature and Society
- ENG-221 Literature and Psychology
- ENG-228 Black American Literature
- ENG-229 Multi-Ethnic Literature in America
- ENG-230 Women in Literature
- ENG-270 Major Poets
- ENG-290 The Short Story
- LAW-204 Law, Literature and Film in America
- LIT-250, 251 Masterworks of Western Literature I, II
- LIT-310 Russian Literature from 988 to 1850
- LIT-311 Russian Literature from 1850 to 1917
- LIT-312 20th Century Russian Literature
- LIT-313 Contemporary Russian Literature
- LIT-315 Tolstoy
- LIT-317 Dostoevsky
- Any literature course in French, German or Spanish in the foreign language.

**Philosophy**
- Any course in the philosophy department
- AMS-227 The Philosophy of Martin Luther King, Jr.

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**Minors Program**

The School of Liberal Arts and Sciences offers minors in the following areas: American studies, biology, chemistry, communication, dance, economics, English, literature, writing or cinema studies, environmental geology, ethics, event planning and production, film and media studies, French, gender and sexuality studies, German, global and multinational studies, graphic design, history, journalism, law and justice, marine sciences, mathematics, multicultural studies, multimedia and Web design, new-editorial journalism, oceanography, philosophy, physics, political communication, political science, psychology, public relations, radio and television, Russian, Russian area studies, science for business, social work, sociology, Spanish, and speech and interpersonal communication. In addition, the College of Business Administration offers a minor in advertising available to communication majors only, a minor in sales management available to science majors only, a general business minor and a computer information systems minor available to non-business majors only, and a health administration minor available to all Rider students.

Students interested in pursuing a minor need the approval of the chairperson of the minor program and the dean.

**Event Planning and Production Minor**

Event planning and production is an interdisciplinary minor that combines the study of communication, marketing, and management. With the rapid growth of non-profit, educational, corporate, recreational, and entertainment events, this minor provides both theoretical and practical training in event planning and management.

Students who minor in event planning and production must complete nine courses for 27 credits. The curriculum emphasizes public relations and effective writing, various strategic approaches to business management, and the corporate-consumer relationship. The minor has a strong applied component and approved internship experiences are recommended for all students.

**Film and Media Studies Minor**

Film and media studies is a multidisciplinary minor exploring connected perspectives on film and other media through courses that focus on the theory, history, and aesthetics of film; the reception and impact of film and related media within the culture; and technical aspects of production. Recognizing the ever-growing integration of the film, television, and digital media industries and technologies, film and media studies extends inquiry to all aspects of the moving image in a global society. Its aim is to improve film and visual literacy and to develop skills in critical analysis, the minor draws upon courses from a wide spectrum of academic departments. The film and media studies minor thus complements many major fields of study, while offering a natural gateway into a new realm of interdisciplinary learning.

Students who minor in film and media studies will take courses from three components of film and media studies: theory, history and aesthetics; film, media, and culture; and technical aspects. In addition, students will complete at least one of two required courses: ENG-284 Language of Film Analysis and SOC-252 Media, Culture and Society. This minor is open to all students at Rider University, including Westminster College of the Arts students.
Gender and Sexuality Studies Minor
The Gender and Sexuality Studies Program offers an interdisciplinary minor exploring gender, masculinity and femininity; recognizing diversity in sexuality, race, class and culture; and acknowledging the multiplicity of human relationships.

Students who minor in Gender and Sexuality Studies take six courses for 18 credits. In Gender Studies courses, students discuss ideas about gender, as well as images of femininity and masculinity, which both reflect and affect the way we think and act. Students analyze the cultural construction of sexuality, they examine the relationship between biological differences and social inequality, and they compare gender systems from global and historical perspectives. Through internships, students may engage in practical strategies for transforming coercive and unequal gender systems and for enhancing our common humanity.

Law and Justice Minor
Law and justice is an interdisciplinary minor that includes courses from a wide spectrum of academic departments, including communication and journalism, sociology, English, history, business policy, political science, psychology, and philosophy, as well as legal studies courses developed specifically for this program. It provides students with knowledge and understanding of laws, legal institutions and processes and their relationships to social, moral, political, and economic issues. Students will benefit from learning to understand law and law enforcement from diverse perspectives. The law and justice minor will provide students, regardless of specific career goals, with tools for understanding how the law works and its social consequences; it will make students better citizens by demystifying law, legal ideas and concepts and by enabling them critically to evaluate laws, legal institutions and policies. The minor enables students to focus their course of study around their specific career goals and can be combined with any major program.

Pre-Law Advising
Experienced faculty members of the law and justice program committee advise students expressing an interest in pursuing a career in law or law-related fields. Faculty advisors assist students in all phases of pre-law preparation from course selection to law school applications. The law and justice program also sponsors workshops on various aspects of the application process.

Law and Justice Center
To assist students in locating information on law schools, Rider maintains a Law and Justice Center that houses law school catalogs, application forms, data about law schools, and financial aid material for professional school studies.

Law Society
The Law Society is a student-run organization; faculty provide advice and assistance. The society sponsors lectures on law and the legal profession, arranges field trips to courts, government agencies, and law schools and has participated in state-wide mock trial competitions.

Criminal Justice and Law Enforcement
A criminal justice concentration is available within the minor. It is specifically designed for students interested in criminal law and the criminal justice system. Students will be exposed to varied disciplinary perspectives on crime, criminal law, and the criminal justice system. Those interested in such fields as law enforcement, probation, parole, court administration, and jury consultation/evaluation will benefit from working with faculty in various fields and from the combined theoretical and practical dimensions of the program. The concentration will help future criminal justice practitioners understand the nature of crime and delinquency, the relationships of crime, criminal law and criminal sanction to social, political and economic issues, and the legal as well as moral issues involved in crime control in a democratic society. An interdisciplinary approach will help to broaden and deepen students’ understanding of the criminal justice process.

Students enrolled in the concentration will be given valuable opportunities to see how the criminal justice system operates through their field work experiences in criminal justice agencies and other special programs and projects involving criminal justice practitioners. Faculty members of the law and justice program committee experienced in the field of criminal justice teach and advise students in course and career planning.

Multicultural Studies Minor
The multicultural studies minor is a flexible interdisciplinary program that focuses on the United States. It provides students with knowledge about the many ways different cultures interact to shape individual identity and to structure U.S. society. Because organizations today need employees who can perform effectively in a diverse workplace, the minor also enhances Rider graduates’ employment opportunities.

Each student chooses a theme or thread within multicultural studies that suits his or her special interests. One might explore a particular cultural tradition—for example, African American, Latino/a, or Jewish. Another could focus on a specific realm of multicultural interaction—for example, education, media, or literature.
The minor also provides students with career-relevant knowledge and experience. For example, the human resource management major can learn more about diversity in the workplace. The education student will be better prepared to teach today’s multicultural population of children. The psychology major will acquire a deeper understanding of potential clients.

In these various ways, the multicultural studies minor plays an important role in preparing Rider students, whatever their ethnic heritage, for an increasingly multicultural world.

Students who minor in multicultural studies take seven courses for 21 credits. These courses draw on a wide range of academic programs, including American studies, communication, English, foreign languages, history, management, philosophy, political science, and sociology; courses are also developed specifically for the program. In consultation with the director, each student designs a sequence of courses to address his or her chosen theme.

**Political Communication Minor**

Political communication is an interdisciplinary minor that is designed to understand the manner in which new technologies and strategies of communication change the emerging political order, and the manner in which the emerging political order structures the dissemination of information among citizens of the United States and other nations.

The minor in political communication provides preparation for those students planning further study in graduate or law school, careers in governments, international affairs, political campaigns, political journalism, or private business concerned with government activity. Moreover, students should further their abilities to construct arguments based upon ethical and relevant data, think clearly and critically, and develop the facility to express themselves persuasively.

**Russian Area Studies Minor**

The Russian area studies minor is an interdisciplinary program designed to give students a comprehensive understanding of Russia, in historical perspectives and in contemporary settings. It draws upon the humanities, the social sciences, and, when possible, suitable offerings in the School of Education and the College of Business Administration. By combining this minor with a traditional major, the student has the advantage of both the knowledge of a single discipline and a unified view of Russia.

Students with a cumulative average of 2.0 who have already declared a major within the College of Liberal Arts, Education, and Sciences, or the College of Business Administration may be admitted to the program.

**Social Work Minor**

The social work minor provides skills and knowledge for helping people and bringing about change to improve social welfare. In the core courses of the minor, students learn about community agencies and programs, and engage in field work supervised by a social worker. Additional courses in the minor from sociology, psychology, and related fields offer a base of knowledge about human development, social institutions, and social change.

**Departmental Honors Programs**

Rider takes special interest in its most talented and serious students. It encourages them to seek extra opportunities and challenges through honors programs in 18 academic areas, including American studies, biochemistry, biology, biopsychology, chemistry, communication and journalism, English, environmental sciences, foreign languages and literatures, geosciences, history, marine sciences, mathematics, philosophy, political science, psychology, and sociology. Each program has its own requirements, but all aim at offering eligible students an intense course of study, culminating in a supervised senior research project or specially designed honors courses. For more details, see the listing under the relevant program.

**Bachelor of Arts, Bachelor of Science/Master of Business Administration (BA, BS/MBA) Program**

The five-year integrated BA, BS/MBA program is designed for students who wish to combine undergraduate study leading to a Bachelor of Arts or Bachelor of Science degree with graduate study leading to the degree of Master of Business Administration. For details, see the Core Curriculum and Study Opportunities chapter, page 11.

**Independent Research and Study**

Students who wish to pursue special topics that they have become interested in as a result of course work may take up to 12 semester hours of independent research and study toward graduation. To be eligible for independent research and study, however, a student must be a junior or a senior in good academic standing. Only one project can be scheduled in a semester, and for no more than four semester hours. Each independent research and study proposal must be approved by a faculty sponsor, the department internship coordinator and the academic coordinator of liberal arts and sciences by no later than the third week of the semester in which the project is to be conducted.

**Internships**

Internships are unique opportunities for connecting the skills and theories learned in the classroom to experiences in the workplace. They also provide students a chance to explore future career goals while earning academic credit. Students who wish to pursue an internship may take up to 6–8 semester hours of internship toward graduation. To be eligible for an internship, a student must be a junior or senior in good academic standing. Only one internship can be scheduled during a semester. The number of credits earned is based on departmental policy and number of hours completed at the internship site, usually 1–4 credits. A faculty sponsor, the department internship coordinator and the academic coordinator of liberal arts and sciences must approve the internship by no later than the third week of the semester in which the internship is to be conducted.
Preparation for the Study of Medicine and Dentistry

The School of Liberal Arts and Sciences offers a premedical studies program that focuses on preparation for admission to medical, dental, or other health-related professional schools. A background in the liberal arts also is provided, since many professional schools stress a broad general education.

A premedical committee and pre-professional advisors meet on a regular basis with students to assist in the selection of science and non-science courses, to provide information on the MCAT and DAT, and to advise students regarding procedures for admission to professional schools. Since admission requirements vary slightly from school to school, students are urged to consult catalogs of the institutions where they desire to continue their education to make certain that they are completing the most appropriate undergraduate courses.

Students may major in any field of study and need not formally major in one of the sciences as long as they take the minimum number of required science courses. As a matter of practice, however, most premedical and premedical students major in biology, biochemistry, or chemistry. Students who major in nonscience fields and elect the minimum number of required science courses must excel to ensure adequacy of preparation and favorable consideration of their applications.

Pre-Allied Health Program

The School of Liberal Arts and Sciences offers a pre-allied health program affiliated with the Thomas Jefferson College of Health Professions. This program is designed for students pursuing careers in physical therapy, occupational therapy, nursing and laboratory sciences. The program has two options: (1) obtain prerequisites for transfer to Thomas Jefferson in the first two or three years, or (2) complete a Bachelor of Science degree with a major in biology that includes applicable prerequisites for Thomas Jefferson.

Pre-Law Studies

See Law and Justice minor, page 53.

Programs of Study

**American Studies**

**Requirements for the Major**

(36 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS-200</td>
<td>Introduction to American Studies</td>
<td>3</td>
</tr>
<tr>
<td>AMS-400, 401</td>
<td>Seminar in American Studies I, II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>One American studies elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Humanities Distribution**

Two American literature electives | 6

**Two American studies courses from the following:**

| AMS-210    | Growing Up American                                     |         |
| AMS-213    | The American Myth in Literature, Landscape, and Music    |         |
| AMS-214    | Special Topics in American Studies                      |         |
| AMS-215    | Alfred Hitchcock in America                             |         |
| AMS-225    | American Folklore                                       |         |
| AMS-226    | The New South in Literature, Music, and Film            |         |
| AMS-228    | Studies in American Jewish Culture                      |         |
| AMS-229    | American Popular Culture                                |         |
| AMS-305    | Religion in America                                     |         |
| AMS-306    | Poetry and Poetics in American Culture                  |         |
| AMS-310    | The American Identity in the Arts                       |         |
| AMS-312    | American Photography                                    |         |
|            | or an appropriate special topics in American studies course |       |
|            | Other humanities courses with a preponderance of American material |   |

**Social Science Distribution**

| HIS-208 | U.S. I: American History from European Settlement through Reconstruction | 6 |
|         | U.S. II: American History from Reconstruction to the Present          |   |

Two American studies courses from the following:

| AMS-210 | Growing Up American |
| AMS-211 | Sports in American Life |
| AMS-212 | American Ethnic Groups: Irish, Jewish, and Italian Americans |
| AMS-225 | American Folklore |
| AMS-227 | The Philosophy of Martin Luther King, Jr. |
| AMS-228 | Studies in American Jewish Culture |
| AMS-229 | American Popular Culture |
| AMS-304 | Technology and Science in America |
| AMS-311 | Radicalism in 20th-Century America |
| AMS-338 | The Social Impact of Rock and Roll |
|         | or an appropriate special topics in American studies course |
|         | Other social science courses with a preponderance of American material |
### Requirements for the Minor

(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS-200</td>
<td>Introduction to American Studies</td>
<td>3</td>
</tr>
<tr>
<td>AMS-400, 401</td>
<td>Seminar in American Studies I, II</td>
<td>6</td>
</tr>
</tbody>
</table>

*Three approved courses from one of the following three areas:*

#### American Studies

- AMS-210 Growing Up American
- AMS-211 Sports in American Life
- AMS-212 American Ethnic Groups
- AMS-213 The American Myth in Literature, Landscape, and Music
- AMS-214 Special Topics in American Studies
- AMS-225 American Folklore
- AMS-226 The New South in Literature, Film and Music
- AMS-227 The Philosophy of Martin Luther King, Jr.
- AMS-228 Studies in American Jewish Culture
- AMS-229 American Popular Culture
- AMS-250 America and the Future
- AMS-304 Technology and Science in America
- AMS-305 Religion in America
- AMS-310 The American Identity in the Arts
- AMS-311 Radicalism in 20th-Century America
- AMS-312 American Photography
- AMS-338 The Social Impact of Rock and Roll

#### Humanities

- ART-214 American Art
- AMS-215 Alfred Hitchcock in America
- AMS-306 Poetry and Poetics in American Culture
- PHL-120 American Philosophy
- THE-306 American Theater History

#### Social Sciences

- HIS-300 Economic History of the United States or other American history courses, American political science courses, American sociology courses, American economics courses

#### Honors Program in American Studies

A limited number of superior students enrolled in the American studies major or minor programs may participate in a program leading to graduation with honors in American studies or with high honors in American studies. Interested students should apply to the program committee on honors before March 1 of the junior year; admission is based on academic average and submission of an acceptable proposal for an individual study project. During the two regular semesters of the senior year, the student enrolls in Independent Research and Study. Honors in American studies are awarded on the basis of completing the senior thesis and a defense of it with distinction.

### Biochemistry

(75-76 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH-325</td>
<td>Biochemistry I</td>
<td>3</td>
</tr>
<tr>
<td>BCH-326</td>
<td>Methods in Biochemistry and Enzymology I Lab</td>
<td>1</td>
</tr>
<tr>
<td>BCH-330</td>
<td>Advanced Cellular and Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BCH-331</td>
<td>Advanced Cellular and Molecular Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BCH-490</td>
<td>Independent Research and Study</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Biology

- BIO-115 Principles of Biology: Evolution, Diversity, and Biology of Animals | 4 |
- BIO-116 Principles of Biology: Evolution, Diversity, and Biology of Plants | 4 |
- BIO-117 Principles of Biology: Evolution, Diversity, and Biology of Cells | 4 |
- BIO-265 Genetics                                                          | 4 |

#### Chemistry

- CHE-120 Principles of Chemistry                                           | 3 |
- CHE-121 Principles of Chemistry Lab                                      | 1 |
- CHE-122 Introduction to Chemical Systems                                  | 3 |
- CHE-123 Quantitative Methods Lab                                         | 1 |
- CHE-205 Experimental Chemistry I                                         | 2 |
- CHE-211 Organic Chemistry I                                              | 3 |
- CHE-213 Organic Chemistry I Lab                                          | 1 |
- CHE-214 Organic Chemistry II                                             | 3 |
- CHE-216 Organic Chemistry II Lab                                         | 1 |
- CHE-311 Analytical Chemistry                                             | 3 |
- CHE-312 Analytical Chemistry Lab                                         | 1 |

*One course from the following:*

- CHE-305 Chemical Thermodynamics                                          | 3 |
- CHE-306 Quantum Chemistry                                               | 3 |

#### Mathematics

- MTH-105 Algebra and Trigonometry                                          | 4 |
- MTH-210, 211 Calculus I, II                                              | 8 |

#### Physics

- PHY-200 General Physics I                                                | 4 |
- PHY-201 General Physics II                                               | 4 |

#### Advanced Elective

One course at the 300 level or above in either BCH, BIO, BPY or CHE (excluding extra credits in Independent Research and Study) | 3–4 |

In the senior year students must take the Biology or Chemistry Advanced Test of the Graduate Record Examination, or the Dental or Medical Aptitude Test with scores submitted to the respective department chairperson.
Students may elect to take up to eight additional credit hours of Independent Research and Study.

**Honors Program In Biochemistry**

Students who seek departmental honors should indicate their intention in writing to the chairperson of the department of chemistry, biochemistry and physics before the end of their first semester in their senior year. For consideration of departmental honors, the student must have a 3.25 cumulative average and a 3.25 average in courses taken within the science division, including mathematics. The student must also complete an acceptable honors thesis based upon independent research work done for credit within either the department of biology or the department of chemistry, biochemistry and physics. Before the end of classes in the student’s final semester, the thesis must be turned in to the chairperson of the department of chemistry, biochemistry and physics in final form for examination by the biochemistry committee. Departmental honors are conferred by the chairperson of the department of chemistry, biochemistry and physics upon recommendation of the biochemistry committee.

**Biology**

**Requirements for the Major**

(62–63 semester hours)

**Note:** Students must have a 2.0 average in their 100-level biology or biopsychology courses and earn a grade of “C” or better in BIO-117 before they may enroll in upper-level biology or biopsychology courses for which these 100-level courses are prerequisites.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-115</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Animals</td>
<td>4</td>
</tr>
<tr>
<td>BIO-116</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Plants</td>
<td>4</td>
</tr>
<tr>
<td>BIO-117</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Cells</td>
<td>4</td>
</tr>
<tr>
<td>BIO-272</td>
<td>Introduction to Marine Biology</td>
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<tr>
<td>and 272L</td>
<td>Introduction to Marine Biology Lab</td>
<td></td>
</tr>
<tr>
<td>BIO-321</td>
<td>Environmental Microbiology</td>
<td></td>
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<tr>
<td>BIO-335</td>
<td>Modern Plant Biology</td>
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<tr>
<td>BIO-350</td>
<td>General Ecology</td>
<td></td>
</tr>
<tr>
<td>BIO-372</td>
<td>Behavior of Marine Organisms: An Evolutionary Approach</td>
<td></td>
</tr>
<tr>
<td>MAR-325</td>
<td>Marine Vertebrates: Fish to Mammals</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Four courses, one of which must be from each group listed below:</strong></td>
<td>16</td>
</tr>
<tr>
<td></td>
<td><strong>Group I</strong></td>
<td></td>
</tr>
<tr>
<td>BIO-265</td>
<td>Genetics</td>
<td></td>
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<tr>
<td>BIO-300</td>
<td>Developmental Biology</td>
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<tr>
<td>BIO-305</td>
<td>Vertebrate Physiology</td>
<td></td>
</tr>
<tr>
<td>BPY-310</td>
<td>Neurobiology</td>
<td></td>
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<tr>
<td>BIO-315</td>
<td>Medical Microbiology</td>
<td></td>
</tr>
<tr>
<td>BPY-360</td>
<td>Neurochemistry</td>
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<tr>
<td></td>
<td><strong>Group II</strong></td>
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<tr>
<td></td>
<td><strong>Course No.</strong></td>
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<tr>
<td></td>
<td><strong>Course Title</strong></td>
<td></td>
</tr>
<tr>
<td>BIO-115</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Animals</td>
<td>4</td>
</tr>
<tr>
<td>BIO-116</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Plants</td>
<td>4</td>
</tr>
<tr>
<td>BIO-117</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Cells</td>
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<td>BIO-272</td>
<td>Introduction to Marine Biology</td>
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<tr>
<td>and 272L</td>
<td>Introduction to Marine Biology Lab</td>
<td></td>
</tr>
<tr>
<td>BIO-321</td>
<td>Environmental Microbiology</td>
<td></td>
</tr>
<tr>
<td>BIO-335</td>
<td>Modern Plant Biology</td>
<td></td>
</tr>
</tbody>
</table>

**Chemistry**

**Note:** Prerequisites for the seminars: BIO-115, BIO-116, or BPY-118 with a grade of C or better, junior or senior standing and permission of instructor.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-370</td>
<td>Immunology</td>
<td></td>
</tr>
<tr>
<td>BPY-375</td>
<td>Neuroethology: The Neural Circuits of Behavior</td>
<td></td>
</tr>
<tr>
<td>BIO-400</td>
<td>Seminar in Cellular and Molecular Biology</td>
<td></td>
</tr>
<tr>
<td>BPY-415</td>
<td>Seminar in Biopsychology</td>
<td></td>
</tr>
<tr>
<td>BIO-416</td>
<td>Bioinformatics</td>
<td></td>
</tr>
<tr>
<td>BIO-420</td>
<td>Seminar in Organismal Biology</td>
<td></td>
</tr>
<tr>
<td>BIO-450</td>
<td>Seminar in Ecology and Evolution</td>
<td></td>
</tr>
</tbody>
</table>

**Mathematics**

**Note:** Prerequisites for the seminars: BIO-115, BIO-116, or BPY-118 with a grade of C or better, junior or senior standing and permission of instructor.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH-120</td>
<td>Introduction to Applied Statistics*</td>
<td>3</td>
</tr>
<tr>
<td>MTH-105</td>
<td>Algebra and Trigonometry</td>
<td>1</td>
</tr>
<tr>
<td>MTH-210, 211</td>
<td>Calculus I, II</td>
<td></td>
</tr>
</tbody>
</table>

**Physics**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY-100</td>
<td>Principles of Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PHY-100L</td>
<td>Principles of Physics I Lab</td>
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</tr>
<tr>
<td>PHY-101</td>
<td>Principles of Physics II</td>
<td>3</td>
</tr>
<tr>
<td>PHY-101L</td>
<td>Principles of Physics II Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

A year of calculus is strongly recommended.

**Requirements for the Minor**

(20 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-115</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Animals</td>
<td>4</td>
</tr>
<tr>
<td>BIO-116</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Plants</td>
<td>4</td>
</tr>
<tr>
<td>BIO-117</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Cells</td>
<td>4</td>
</tr>
<tr>
<td>BIO-272</td>
<td>Introduction to Marine Biology</td>
<td></td>
</tr>
<tr>
<td>and 272L</td>
<td>Introduction to Marine Biology Lab</td>
<td></td>
</tr>
<tr>
<td>BIO-321</td>
<td>Environmental Microbiology</td>
<td></td>
</tr>
<tr>
<td>BIO-335</td>
<td>Modern Plant Biology</td>
<td></td>
</tr>
</tbody>
</table>

*Prerequisites for the seminars: BIO-115, BIO-116, or BPY-118 with a grade of C or better, junior or senior standing and permission of instructor.
Courses of study in biology include:

- **BIO-350** General Ecology
- **BIO-372** Behavior of Marine Organisms: An Evolutionary Approach
- **MAR-325** Marine Vertebrates: Fish to Mammals

**Group II**

- **BIO-265** Genetics
- **BIO-300** Developmental Biology
- **BIO-305** Vertebrate Physiology
- **BPY-310** Neurobiology
- **BPY-360** Neurochemistry
- **BPY-375** Neuroethology: The Neural Circuits of Behavior

*Not available to biochemistry or science education majors.*

The objective of the honors program in biology is to introduce gifted undergraduate majors to the methods of basic research in the biological sciences. For consideration a student must have a 3.25 average. At graduation a student who has a 3.25 cumulative average, a 3.5 average in biology courses, and who has completed an acceptable honors thesis will be eligible for honors in biology. In the senior year, participating students must complete an independent research project and present a written honors thesis. Following completion of these requirements, the biology department will recommend that the candidate be graduated with honors in biology.

**Requirements for the Minor**

- **(20 semester hours)**

  - **Introductory Biology Course**
    - One course from the following:
      - **BIO-100** Life Science: Human Emphasis
      - **BIO-101** Life Science: Cell Biology and Genetics Emphasis
      - **BIO-106** Life Science: Human Disease Emphasis
      - **BIO-108** Life Science: The Biology of Human Aging
      - **BPY-107** Life Science: Biopsychology Emphasis

  - **Introductory Chemistry Course**
    - **CHE-115** Chemistry and Contemporary Society

  - **Science as Business Course**
    - **BIO-206** The Pharmaceutical Industry

  **Biology Electives**

  - Any two courses with the following recommended:
    - **BIO-115** Principles of Biology: Evolution, Diversity, and Biology of Animals
    - **BIO-117** Principles of Biology: Evolution, Diversity, and Biology of Cells
    - **BIO-221** Human Anatomy and Physiology I
    - **BIO-222** Human Anatomy and Physiology II
    - **BIO-265** Genetics
    - **BPY-118** Behavioral Neuroscience

  **Health Care Business Course**

  - **HTH-205** Introduction to the Health Care Sector
  - **BUS/HTH-315** Health Care Law, Ethics and Policy
  - **ECO/HTH-336** Economics of the Health Care Sector

  **Note:** Courses with an HTH prefix will count as liberal arts courses for business students. The HTH-336 course is cross-listed with ECO-336. If the business student registers for the HTH designation, the course will count as a liberal arts course, and if the business student registers for ECO designation, the course will count as a business course.

**Requirements for the Major**

- **(51–54 semester hours)**

  - **Biology**
    - **BIO-115** Principles of Biology: Evolution, Diversity, and Biology of Animals
    - **BIO-117** Principles of Biology: Evolution, Diversity, and Biology of Cells
    - **BPY-310** Neurobiology
    - **BPY-360** Neurochemistry
    - **BPY-375** Neuroethology

  - **Biopsychology**
    - **BPY-118** Behavioral Neuroscience
    - **BPY-415** Seminar in Biopsychology
    - **BPY-416** Seminar in Biopsychology

  - **Psychology**
    - **PSY-100** Introduction to Psychology
    - **PSY-107** Life Science: Biopsychology Emphasis
    - **PSY-201** Statistics and Research Design
    - **ENV-200** Statistical and Computer Applications in the Natural Sciences
Course No. | Course Title | Credits
---|---|---
**Mathematics**<br>MTH-105 | Algebra and Trigonometry | 4

**Chemistry**<br>CHE-120 | Principles of Chemistry | 3<br>CHE-121 | Principles of Chemistry Lab | 1<br>CHE-122 | Introduction to Chemical Systems | 3<br>CHE-123 | Quantitative Methods Lab | 1

**Electives**
*Two courses from the following:*
Any BIO-200 or -300-level course with a lab<br>Any PSY-200 or -300-level course
*One course from the following:*
Any BCH-300-level course with a lab<br>Any additional BPY-300-level course with a lab<br>Any PSY-300-level course with a lab

**Honors Program in Biopsychology**
The objective of the honors program in biopsychology is to introduce gifted undergraduate majors to the methods of basic research in biopsychology. For consideration, a student must have a 3.25 average. At graduation, a student who has a 3.25 cumulative average, a 3.5 average in biology and biopsychology courses, and who has completed an acceptable honors thesis will be eligible for honors in biopsychology. In the senior year, participating students must complete an independent research project and present a written honors thesis. Following completion of these requirements, the biopsychology committee will recommend that the candidate be graduated with honors in biopsychology.

**Chemistry**

**Requirements for the Major**
*(66 semester hours)*

| Course No. | Course Title | Credits |
---|---|---|
**Chemistry**<br>CHE-120 | Principles of Chemistry | 3<br>CHE-121 | Principles of Chemistry Lab | 1<br>CHE-122 | Introduction to Chemical Systems | 3<br>CHE-123 | Quantitative Methods Lab | 1<br>CHE-205 | Experimental Chemistry I | 2<br>CHE-211 | Organic Chemistry I | 3<br>CHE-213 | Organic Chemistry I Lab | 1<br>CHE-214 | Organic Chemistry II | 3<br>CHE-216 | Organic Chemistry II Lab | 1<br>CHE-301, 302, 304 | Experimental Chemistry | 6<br>CHE-305, 306 | Chemical Thermodynamics, Quantum Chemistry | 3<br>CHE-311 | Analytical Chemistry | 3<br>CHE-312 | Analytical Chemistry Lab | 1<br>CHE-315 | Inorganic Chemistry | 3<br>CHE-400 | Chemical Bonding | 3

**Biochemistry**<br>BCH-325 | Biochemistry I | 3

**Mathematics**<br>MTH-210, 211, 212 | Calculus I, II, III | 12

**Physics**<br>PHY-200 | General Physics I | 4<br>PHY-201 | General Physics II | 4

**Advanced elective**
*One course from the following:*
CHE-300 | Introduction to Physical Organic Chemistry<br>CHE-320 | Polymer Chemistry<br>CHE-415 | Special Topics in Chemistry

At least two years of German or Russian are strongly recommended.

Chemistry majors may elect up to 12 credit hours of Independent Research and Study.

In the senior year, chemistry majors are required to take the Chemistry Advanced Test of the Graduate Record Examination. Scores must be submitted to the department chairperson.

**Requirements for the Minor**
*(24 semester hours)*

| Course No. | Course Title | Credits |
---|---|---|
CHE-120 | Principles of Chemistry | 3<br>CHE-121 | Principles of Chemistry Lab | 1<br>CHE-122 | Introduction to Chemical Systems | 3<br>CHE-123 | Quantitative Methods Lab | 1<br>CHE-211 | Organic Chemistry I | 3<br>CHE-213 | Organic Chemistry I Lab | 1<br>CHE-301, 302, 304 | Experimental Chemistry | 6<br>CHE-305, 306 | Chemical Thermodynamics, Quantum Chemistry | 3<br>CHE-311 | Analytical Chemistry | 3<br>CHE-312 | Analytical Chemistry Lab | 1<br>CHE-315 | Inorganic Chemistry | 3<br>CHE-400 | Chemical Bonding | 3

**Honors Program in Chemistry**
Students who seek departmental honors should indicate their intention in writing to the chairperson of the department of chemistry, biochemistry and physics before the end of their first semester in their senior year. For consideration of departmental honors, the student must have a 3.25 cumulative average and a 3.25 average in courses taken with the department of chemistry, biochemistry and physics. The students must also complete an acceptable honor thesis based upon independent research work done for credit. Before the end of classes in the student’s final semester, the thesis must be turned in to the department chairperson in final form for examination by the entire department. Before the end of final exams, the student must orally defend the thesis before the members of the department of chemistry, biochemistry and physics. Departmental honors are conferred by the chairperson of the department upon recommendation of the entire department.
## Communication and Journalism

### Requirements for the Departmental Core

(21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-103</td>
<td>Introduction to Communication Studies: Theory and Practice or Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM-105</td>
<td>Mass Media Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM-107</td>
<td>Persuasive Writing for the Media</td>
<td>3</td>
</tr>
<tr>
<td>COM-301</td>
<td>Communication Law</td>
<td>3</td>
</tr>
<tr>
<td>COM-302</td>
<td>Communication Ethics</td>
<td>3</td>
</tr>
<tr>
<td>COM-400</td>
<td>Senior Seminar in Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

In addition to the departmental core, which is required of both communication and journalism majors, each student selects one of five tracks. A student pursuing a degree in communication chooses either the graphic design, multimedia and Web design, radio and television, or speech and interpersonal communication track. A student pursuing a degree in journalism chooses either the news-editorial journalism or public relations track.

### Requirements for the Communication Major

(21 semester hours departmental core—see above)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
</table>
| Graphic Design Track  
(24 semester hours) |
| ART-103    | Fundamentals of Drawing                                                      | 3       |
| ART-105    | Design                                                                       | 3       |
| COM-212    | Publication Design                                                           | 3       |
| COM-262    | Graphic Imaging for Multimedia                                               | 3       |
| COM-263    | History and Principles of Graphic Design                                      | 3       |
| COM-360    | Advanced Publication Design                                                  | 3       |
| COM-462    | Advanced Graphic Design and Portfolio                                       | 3       |
| One course from the following: |
| COM-102    | Introduction to News Writing                                                 | 3       |
| COM-106    | Writing for Communication Professions                                        | 3       |
| COM-233    | Writing for Broadcast                                                        | 3       |

| Multimedia and Web Design Track  
(24 semester hours) |
| COM-212    | Publication Design                                                           | 3       |
| COM-261    | Multimedia Production I Interactive Design                                   | 3       |
| COM-360    | Advanced Publication Design and Presentation                                 | 3       |
| COM-364    | Multimedia Production II—Web Design                                          | 3       |
| COM-460    | Multimedia Production III—Advanced Interactive Design                       | 3       |

Note: If a student receives a grade lower than “C” in a course required in a major or minor in the department, the student must repeat the course. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

### Course No. | Course Title                                                                 | Credits |
| One course from the following: |
| COM-102    | Introduction to News Writing                                                 | 3       |
| COM-106    | Writing for Communication Professions                                        | 3       |
| COM-233    | Writing for Broadcast                                                        | 3       |
| Two courses from the following: |
| COM-131    | Fundamentals of Video Production                                             | 3       |
| COM-201    | Communication Theory                                                         | 3       |
| COM-204    | Advanced Speech                                                              | 3       |
| COM-205    | Theories of Persuasion                                                       | 3       |
| COM-234    | Audio Production                                                             | 3       |
| COM-253    | Organizational Communication                                                 | 3       |
| COM-262    | Graphic Imaging for Multimedia                                               | 3       |
| COM-331    | Television Production                                                        | 3       |
| COM-361    | Photography                                                                  | 3       |
| COM-363    | Converging Digital Media                                                     | 3       |
| COM-365    | Graphic Animation                                                            | 3       |
| ADV-311    | Advertising Copy and Layout                                                  | 3       |
| CIS-185    | Introduction to Computing                                                    | 3       |
| CIS-340    | Electronic Commerce                                                          | 3       |
| CIS-350    | Internet Applications Development                                            | 3       |

### Radio and Television Track

(24 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-230</td>
<td>Radio and Television Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM-234</td>
<td>Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>COM-331</td>
<td>Television Production</td>
<td>3</td>
</tr>
<tr>
<td>COM-333</td>
<td>Broadcast Programming</td>
<td>3</td>
</tr>
<tr>
<td>COM-335</td>
<td>Television Field Production</td>
<td>3</td>
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<tr>
<td>One course from the following:</td>
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<td></td>
</tr>
<tr>
<td>COM-102</td>
<td>Introduction to News Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-106</td>
<td>Writing for Communication Professions</td>
<td>3</td>
</tr>
<tr>
<td>COM-233</td>
<td>Writing for Broadcast</td>
<td>3</td>
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<tr>
<td>One course from the following:</td>
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<tr>
<td>COM-431</td>
<td>Advanced Television Research and Production</td>
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<tr>
<td>COM-434</td>
<td>Advanced Radio Production</td>
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<tr>
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<tr>
<td>COM-204</td>
<td>Advanced Speech</td>
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</tr>
<tr>
<td>COM-205</td>
<td>Theories of Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>COM-240</td>
<td>Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>COM-253</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM-261</td>
<td>Multimedia Production I—Interactive Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-291</td>
<td>Documentary Film and Video</td>
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</tr>
<tr>
<td>COM-361</td>
<td>Photography</td>
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<td>COM-365</td>
<td>Graphic Animation</td>
<td>3</td>
</tr>
<tr>
<td>Course No.</td>
<td>Course Title</td>
<td>Credits</td>
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<tr>
<td>COM-201</td>
<td>Communication Theory</td>
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<tr>
<td>COM-204</td>
<td>Advanced Speech</td>
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</tr>
<tr>
<td>COM-205</td>
<td>Theories of Persuasion</td>
<td></td>
</tr>
<tr>
<td>COM-220</td>
<td>Voice and Articulation</td>
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</tr>
<tr>
<td>COM-222</td>
<td>Group Communication</td>
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</tr>
<tr>
<td>COM-240</td>
<td>Public Relations</td>
<td></td>
</tr>
<tr>
<td>COM-251</td>
<td>Interpersonal Communication</td>
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</tr>
<tr>
<td>COM-252</td>
<td>Intercultural Communication</td>
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<tr>
<td>COM-253</td>
<td>Organizational Communication</td>
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</tr>
<tr>
<td>COM-322</td>
<td>Argumentation and Debate</td>
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<td>COM-323</td>
<td>Oral Interpretation of Literature</td>
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<tr>
<td>COM-353</td>
<td>Nonverbal Communication</td>
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<tr>
<td>COM-391</td>
<td>Communication Criticism</td>
<td></td>
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<tr>
<td>COM-393</td>
<td>International Communication</td>
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<tr>
<td>COM-452</td>
<td>Contemporary Issues in Interpersonal Communication</td>
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<tr>
<td>COM-102</td>
<td>Introduction to News Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-204</td>
<td>Advanced Speech</td>
<td>3</td>
</tr>
<tr>
<td>COM-210</td>
<td>News Reporting and Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-211</td>
<td>Copy Editing</td>
<td>3</td>
</tr>
<tr>
<td>COM-212</td>
<td>Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-215</td>
<td>Computer Assisted Reporting</td>
<td>3</td>
</tr>
<tr>
<td>COM-316</td>
<td>Feature Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-415</td>
<td>Investigative Reporting and Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-131</td>
<td>Fundamentals of Video Production</td>
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</tr>
<tr>
<td>COM-201</td>
<td>Communication Theory</td>
<td></td>
</tr>
<tr>
<td>COM-205</td>
<td>Theories of Persuasion</td>
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<td>News Reporting and Writing</td>
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</tr>
<tr>
<td>COM-211</td>
<td>Copy Editing</td>
<td></td>
</tr>
<tr>
<td>COM-215</td>
<td>Computer Assisted Reporting</td>
<td></td>
</tr>
<tr>
<td>COM-233</td>
<td>Writing for Broadcast</td>
<td></td>
</tr>
<tr>
<td>COM-341</td>
<td>Publicity Methods and Organizations</td>
<td></td>
</tr>
<tr>
<td>COM-440</td>
<td>Cases and Campaigns in Public Relations</td>
<td></td>
</tr>
</tbody>
</table>

**Requirements for the Journalism Major**

(21 semester hours departmental core—page 60)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-102</td>
<td>Introduction to News Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-204</td>
<td>Advanced Speech</td>
<td>3</td>
</tr>
<tr>
<td>COM-210</td>
<td>News Reporting and Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-211</td>
<td>Copy Editing</td>
<td>3</td>
</tr>
<tr>
<td>COM-212</td>
<td>Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-215</td>
<td>Computer Assisted Reporting</td>
<td>3</td>
</tr>
<tr>
<td>COM-316</td>
<td>Feature Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-415</td>
<td>Investigative Reporting and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Recommended courses:**

COM-131 | Fundamentals of Video Production
COM-201 | Communication Theory
COM-205 | Theories of Persuasion
COM-233 | Writing for Broadcast
COM-234 | Audio Production
COM-240 | Public Relations
COM-253 | Organizational Communication
COM-261 | Multimedia Production I—Interactive Design
COM-360 | Advanced Publication Design
COM-361 | Photography
COM-393 | International Communication

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<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-102</td>
<td>Introduction to News Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-204</td>
<td>Advanced Speech</td>
<td>3</td>
</tr>
<tr>
<td>COM-212</td>
<td>Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-240</td>
<td>Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>COM-316</td>
<td>Feature Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-341</td>
<td>Publicity Methods and Organizations</td>
<td>3</td>
</tr>
<tr>
<td>COM-440</td>
<td>Cases and Campaigns in Public Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**One course from the following:**

- COM-131 | Fundamentals of Video Production
- COM-201 | Communication Theory
- COM-205 | Theories of Persuasion
- COM-210 | News Reporting and Writing
- COM-211 | Copy Editing
- COM-215 | Computer Assisted Reporting
- COM-233 | Writing for Broadcast
- COM-253 | Organizational Communication
- COM-261 | Multimedia Production I—Interactive Design
- COM-347 | Sports Media Relations
- COM-360 | Advanced Publication Design
- COM-393 | International Communication
- MKT-200 | Marketing Principles
- ADV-300 | Advertising Principles

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**Requirements for the Communication Minors**

Note: Communication and journalism majors may declare only one minor in the department. No more than two courses may be used to fulfill the core or track. Journalism majors may not declare a minor in journalism.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART-103</td>
<td>Fundamentals of Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART-105</td>
<td>Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-212</td>
<td>Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-262</td>
<td>Graphic Imaging for Multimedia</td>
<td>3</td>
</tr>
<tr>
<td>COM-263</td>
<td>History and Principles of Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-360</td>
<td>Advanced Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-462</td>
<td>Advanced Graphic Design and Portfolio</td>
<td>3</td>
</tr>
</tbody>
</table>

**Graphic Design Minor**

(21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-212</td>
<td>Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-261</td>
<td>Multimedia Production I—Interactive Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-360</td>
<td>Advanced Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-364</td>
<td>Multimedia Production II—Web Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-460</td>
<td>Multimedia Production III—Advanced Interactive Design</td>
<td>3</td>
</tr>
</tbody>
</table>
Two courses from the following:

- COM-131 Fundamentals of Video Production
- COM-204 Advanced Speech
- COM-205 Theories of Persuasion
- COM-234 Audio Production
- COM-262 Graphic Imaging for Multimedia
- COM-331 Television Production
- COM-361 Photography
- COM-363 Converging Digital Media
- ADV-311 Advertising Copy and Layout
- CIS-185 Introduction to Computing
- CIS-340 Electronic Commerce
- CIS-350 Internet Applications Development

Radio and Television Minor
(21 semester hours)

- COM-102 Introduction to News Writing
- COM-104 Speech Communication
- COM-230 Radio and Television Communication
- COM-234 Audio Production
- COM-331 Television Production
- COM-333 Broadcast Programming
- COM-431 Advanced Television Research and Production

Speech and Interpersonal Communication Minor
(21 semester hours)

Seven courses from the following at least one at the 300 level or above:

- COM-104 Speech Communication
- COM-201 Communication Theory
- COM-204 Advanced Speech
- COM-205 Theories of Persuasion
- COM-220 Voice and Articulation
- COM-222 Group Communication
- COM-240 Public Relations
- COM-251 Interpersonal Communication
- COM-252 Intercultural Communication
- COM-322 Argumentation and Debate
- COM-323 Oral Interpretation of Literature
- COM-353 Nonverbal Communication
- COM-391 Communication Criticism
- COM-393 International Communication
- COM-452 Contemporary Issues in Interpersonal Communication

Requirements for the Journalism Minors

Note: Journalism majors may not declare a journalism minor.

Newspaper-Editorial Journalism Minor
(21 semester hours)

- COM-102 Introduction to News Writing
- COM-107 Persuasive Writing for the Media
- COM-210 News Reporting and Writing
- COM-211 Copy Editing
- COM-212 Publication Design
- COM-215 Computer Assisted Reporting
- COM-316 Feature Writing

Public Relations Minor
(21 semester hours)

- COM-102 Introduction to News Writing
- COM-104 Speech Communication
- COM-107 Persuasive Writing for the Media
- COM-212 Publication Design
- COM-240 Public Relations
- COM-316 Feature Writing
- COM-341 Publicity Methods in Organizations

Requirements for the Event Planning and Production Minor
(27 semester hours)

- COM-107 Persuasive Writing for the Media
- COM-240 Public Relations
- COM-261 Multimedia Production I—Interactive Design
- MGT-310 Introduction to Human Resource Management
- COM-280 Issues in Event Planning
- COM-341 Publicity Methods in Organizations
- MGT-201 Fundamentals of Management and Organizational Behavior
- MKT-200 Marketing Principles
- MKT-320 Consumer Behavior
- MKT-360 Services Marketing

Additional recommended courses:

- CBA-110 Introduction to Business
- COM-105 Mass Media Communication
- COM-440 Cases and Campaigns in Public Relations
- ECO-200 Principles of Macroeconomics
- PSY-100 Introduction to Psychology

Requirements for the Advertising Minor
(30 semester hours)

The College of Business Administration offers a minor in advertising available to communication majors only.

- COM-105 Mass Media Communication
- COM-212 Publication Design
- COM-240 Public Relations
Honors Program in Communication and Journalism
The department faculty will identify superior second semester sophomores and/or first semester juniors to participate in an individualized course of study leading to graduation with honors. Such students must have attained a cumulative average of 3.5 or higher and be recommended by a faculty member. In consultation with a faculty member, the student will form a thesis/project committee of two additional communication faculty members. The honors thesis/project can extend over a maximum of three semesters (3 credits per semester): one semester of supervised readings, one of proposal development and writing, one semester of carrying out the project. (This may be collapsed into two semesters of 3 credits each.)

Honors students enroll in COM-490 Independent Research and Study, during each semester of the project. Honors students may be waived from COM-400 Senior Seminar. All honors theses/projects must be presented in a public forum to be arranged by the faculty. Honors students must maintain a cumulative average of 3.3 and a 3.5 average in the major.

Economics

Requirements for the Major
(39 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO-200</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO-201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO-210</td>
<td>Intermediate Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO-211</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Six economics electives</td>
<td>18</td>
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Mathematics, Computer Information Systems, or Management Sciences

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-185</td>
<td>Introduction to Computing</td>
<td>3</td>
</tr>
<tr>
<td>MTH-120</td>
<td>Introduction to Applied Statistics</td>
<td></td>
</tr>
<tr>
<td>or MSD-200, 201</td>
<td>Statistical Methods I, II</td>
<td>6</td>
</tr>
</tbody>
</table>

For graduation, the student must achieve a 2.0 cumulative average in all courses in the major, with no grade less than a “C-.”

English

Requirements for the Major

Note: All declared English majors and minors must take the departmental gateway courses as prerequisites to upper-level major courses. The gateway courses should be taken in the sophomore year. All transfers into the major must take the gateway courses in the first two semesters after their transfer. (Transfer students may take the gateway courses concurrently with upper-level major courses.) Majors and minors must receive a “C-” or above in each of the gateway courses to continue in the major. Those who receive a “C” or “C-” in any gateway course must meet with the English major advising committee to discuss their academic progress. Majors and minors who receive a “D” or below in any gateway course must repeat the course and meet with the English major advising committee. Gateway courses may be repeated only once in order to achieve a grade of “C-” or above. (The repeated course may be taken concurrently with other major courses.)

Requirements for the Literature Concentration
(36 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-240</td>
<td>Methods of Literary Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENG-250</td>
<td>Literary History I</td>
<td>3</td>
</tr>
<tr>
<td>ENG-251</td>
<td>Literary History II*</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Three courses from the following:</td>
<td>9</td>
</tr>
<tr>
<td>ENG-331</td>
<td>Medieval Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-333</td>
<td>16th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-335</td>
<td>17th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-411</td>
<td>History of the English Language**</td>
<td></td>
</tr>
<tr>
<td>ENG-425</td>
<td>Seminar in Shakespeare</td>
<td></td>
</tr>
<tr>
<td>ENG-435</td>
<td>Seminar in Milton</td>
<td></td>
</tr>
<tr>
<td>ENG-455</td>
<td>Seminar in Chaucer</td>
<td></td>
</tr>
<tr>
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<td>Five courses from the following:</td>
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<tr>
<td>ENG-340</td>
<td>Restoration and 18th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-345</td>
<td>Romantic Literature, 1780–1830</td>
<td></td>
</tr>
<tr>
<td>ENG-346</td>
<td>Victorian Literature, 1830–1900</td>
<td></td>
</tr>
<tr>
<td>ENG-347</td>
<td>20th-Century British Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-348</td>
<td>Contemporary British Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-351</td>
<td>19th-Century American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-352</td>
<td>20th-Century American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-353</td>
<td>Contemporary American Literature</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One course from the following:</td>
<td>3</td>
</tr>
<tr>
<td>ENG-441</td>
<td>Seminar in American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-443</td>
<td>Seminar in Literary Modernism</td>
<td></td>
</tr>
<tr>
<td>ENG-445</td>
<td>Seminar in Black and Multi-Ethnic Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-447</td>
<td>Global Literature</td>
<td></td>
</tr>
</tbody>
</table>

*Prerequisite: ENG-250
**Secondary education and English double majors are advised to select ENG-411.
Requirements for the Minor with a Concentration in Literature
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Two courses taken in sequence:</td>
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</tr>
<tr>
<td>ENG-250</td>
<td>Literary History I</td>
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</tr>
<tr>
<td>and 251</td>
<td>Literary History II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*One course from the following:</td>
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</tr>
<tr>
<td>ENG-362</td>
<td>The Novel</td>
<td>3</td>
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<tr>
<td>ENG-363</td>
<td>The Drama</td>
<td></td>
</tr>
<tr>
<td>ENG-364</td>
<td>The Poem</td>
<td></td>
</tr>
<tr>
<td>ENG-365</td>
<td>Short Fiction</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Three courses from the following (no more than two in one century):</td>
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</tr>
<tr>
<td>ENG-331</td>
<td>Medieval Literature</td>
<td>9</td>
</tr>
<tr>
<td>ENG-333</td>
<td>16th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-335</td>
<td>17th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-340</td>
<td>Restoration and 18th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-345</td>
<td>Romantic Literature, 1780–1830</td>
<td></td>
</tr>
<tr>
<td>ENG-346</td>
<td>Victorian Literature, 1830–1900</td>
<td></td>
</tr>
<tr>
<td>ENG-347</td>
<td>20th-Century British Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-348</td>
<td>Contemporary British Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-351</td>
<td>19th-Century American Literature</td>
<td></td>
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<tr>
<td>ENG-352</td>
<td>20th-Century American Literature</td>
<td></td>
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<tr>
<td>ENG-353</td>
<td>Contemporary American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-411</td>
<td>History of the English Language</td>
<td></td>
</tr>
<tr>
<td>ENG-425</td>
<td>Seminar in Shakespeare</td>
<td></td>
</tr>
<tr>
<td>ENG-435</td>
<td>Seminar in Milton</td>
<td></td>
</tr>
<tr>
<td>ENG-443</td>
<td>Seminar in Literary Modernism</td>
<td></td>
</tr>
<tr>
<td>ENG-445</td>
<td>Seminar in Black and Multi-Ethnic Literature</td>
<td></td>
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<tr>
<td>ENG-447</td>
<td>Global Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-455</td>
<td>Seminar in Chaucer</td>
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</tr>
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</table>

Requirements for the Writing Concentration
(36 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Gateway Courses</td>
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<tr>
<td>ENG-420</td>
<td>Methods of Literary Analysis</td>
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</tr>
<tr>
<td>ENG-250</td>
<td>Literary History I</td>
<td>3</td>
</tr>
<tr>
<td>ENG-251</td>
<td>Literary History II*</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>*One course from each group:</td>
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<tr>
<td></td>
<td><strong>Group 1</strong></td>
<td></td>
</tr>
<tr>
<td>ENG-331</td>
<td>Medieval Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-333</td>
<td>16th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-335</td>
<td>17th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-340</td>
<td>Restoration and 18th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-425</td>
<td>Seminar in Shakespeare</td>
<td></td>
</tr>
<tr>
<td>ENG-435</td>
<td>Seminar in Milton</td>
<td></td>
</tr>
<tr>
<td>ENG-443</td>
<td>Seminar in Literary Modernism</td>
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<tr>
<td>ENG-445</td>
<td>Seminar in Black and Multi-Ethnic Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-447</td>
<td>Global Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-455</td>
<td>Seminar in Chaucer</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Group 2</strong></td>
<td></td>
</tr>
<tr>
<td>ENG-345</td>
<td>Romantic Literature, 1780–1830</td>
<td></td>
</tr>
<tr>
<td>ENG-346</td>
<td>Victorian Literature, 1830–1900</td>
<td></td>
</tr>
<tr>
<td>ENG-351</td>
<td>19th-Century American Literature</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Course No.</strong></td>
<td></td>
</tr>
<tr>
<td>ENG-347</td>
<td>20th-Century British Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-348</td>
<td>Contemporary British Literature</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Group 3</strong></td>
<td></td>
</tr>
<tr>
<td>ENG-352</td>
<td>20th-Century American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-353</td>
<td>Contemporary American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-441</td>
<td>Seminar in American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-443</td>
<td>Seminar in Literary Modernism</td>
<td></td>
</tr>
<tr>
<td>ENG-445</td>
<td>Seminar in Black and Multi-Ethnic Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-447</td>
<td>Global Literature</td>
<td></td>
</tr>
</tbody>
</table>

Requirements for the Minor with a Concentration in Writing
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two courses taken in sequence:</td>
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</tr>
<tr>
<td>ENG-250</td>
<td>Literary History I</td>
<td></td>
</tr>
<tr>
<td>and 251</td>
<td>Literary History II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One course from the following:</td>
<td>3</td>
</tr>
<tr>
<td>ENG-362</td>
<td>The Novel</td>
<td></td>
</tr>
<tr>
<td>ENG-363</td>
<td>The Drama</td>
<td></td>
</tr>
<tr>
<td>ENG-364</td>
<td>The Poem</td>
<td></td>
</tr>
<tr>
<td>ENG-365</td>
<td>Short Fiction</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Three courses from the following:</td>
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<tr>
<td>ENG-303</td>
<td>Creative Writing: Poetry</td>
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<tr>
<td>ENG-304</td>
<td>Creative Writing: Fiction</td>
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</tr>
<tr>
<td>ENG-305</td>
<td>Creative Writing: Nonfiction</td>
<td></td>
</tr>
<tr>
<td>ENG-311</td>
<td>Creative Writing: Playwriting</td>
<td></td>
</tr>
<tr>
<td>ENG-312</td>
<td>Creative Writing: Screenwriting</td>
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</tr>
<tr>
<td>ENG-315</td>
<td>Topics in Specialized Writing</td>
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</tr>
<tr>
<td>ENG-316</td>
<td>Theories of Writing and Tutoring</td>
<td></td>
</tr>
<tr>
<td>ENG-321</td>
<td>Workplace Writing: Business and Professional Contexts</td>
<td></td>
</tr>
<tr>
<td>ENG-322</td>
<td>Workplace Writing: Grant Proposals, Granting and Development</td>
<td></td>
</tr>
<tr>
<td>ENG-323</td>
<td>Workplace Writing: Reviewing and Publishing</td>
<td></td>
</tr>
<tr>
<td>ENG-400</td>
<td>Advanced Creative Writing</td>
<td></td>
</tr>
<tr>
<td>ENG-405</td>
<td>Advanced Prose Style</td>
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</tr>
<tr>
<td>ENG-407</td>
<td>Advanced Workplace Writing</td>
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<tr>
<td>ENG-490</td>
<td>Independent Research and Study</td>
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<tr>
<td>ENG-491</td>
<td>Internship in Writing and Publishing</td>
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</tr>
</tbody>
</table>

*Prerequisite: ENG-250

**Secondary education and English double majors are advised to select ENG-411.
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-305</td>
<td>Creative Writing: Nonfiction</td>
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</tr>
<tr>
<td>ENG-311</td>
<td>Creative Writing: Playwriting</td>
<td></td>
</tr>
<tr>
<td>ENG-312</td>
<td>Creative Writing: Screenwriting</td>
<td></td>
</tr>
<tr>
<td>ENG-315</td>
<td>Topics in Specialized Writing</td>
<td></td>
</tr>
<tr>
<td>ENG-316</td>
<td>Theories of Writing and Tutoring</td>
<td></td>
</tr>
<tr>
<td>ENG-321</td>
<td>Workplace Writing: Business and Professional Contexts</td>
<td></td>
</tr>
<tr>
<td>ENG-322</td>
<td>Workplace Writing: Grant Proposals, Fundraising, and Development</td>
<td></td>
</tr>
<tr>
<td>ENG-323</td>
<td>Workplace Writing: Reviewing and Publishing</td>
<td></td>
</tr>
<tr>
<td>ENG-400</td>
<td>Advanced Creative Writing</td>
<td></td>
</tr>
<tr>
<td>ENG-405</td>
<td>Advanced Prose Style</td>
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</tr>
<tr>
<td>ENG-407</td>
<td>Advanced Workplace Writing</td>
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</tr>
<tr>
<td>ENG-490</td>
<td>Independent Research and Study</td>
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</tr>
</tbody>
</table>

**Requirements for the Cinema Studies Concentration**  
(39 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-240</td>
<td>Methods of Literary Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENG-250</td>
<td>Literary History I</td>
<td>3</td>
</tr>
<tr>
<td>ENG-251</td>
<td>Literary History II</td>
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</tr>
<tr>
<td>ENG-284</td>
<td>Language of Film Analysis</td>
<td>3</td>
</tr>
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</table>

One course from each group:

**GROUP 1**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-331</td>
<td>Medieval Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-333</td>
<td>16th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-335</td>
<td>17th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-340</td>
<td>Restoration and 18th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-425</td>
<td>Seminar in Shakespeare</td>
<td></td>
</tr>
<tr>
<td>ENG-435</td>
<td>Seminar in Milton</td>
<td></td>
</tr>
<tr>
<td>ENG-455</td>
<td>Seminar in Chaucer</td>
<td></td>
</tr>
</tbody>
</table>

**GROUP 2**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG-345</td>
<td>Romantic Literature, 1780–1830</td>
<td></td>
</tr>
<tr>
<td>ENG-346</td>
<td>Victorian Literature, 1830–1900</td>
<td></td>
</tr>
<tr>
<td>ENG-351</td>
<td>19th-Century American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-347</td>
<td>20th-Century British Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-348</td>
<td>Contemporary British Literature</td>
<td></td>
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</table>

**GROUP 3**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG-352</td>
<td>20th-Century American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-353</td>
<td>Contemporary American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-441</td>
<td>Seminar in American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-443</td>
<td>Seminar in Literary Modernism</td>
<td></td>
</tr>
<tr>
<td>ENG-445</td>
<td>Seminar in Black and Multi-Ethnic Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-447</td>
<td>Global Literature</td>
<td></td>
</tr>
</tbody>
</table>

**GROUP 4**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-362</td>
<td>The Novel</td>
<td></td>
</tr>
<tr>
<td>ENG-363</td>
<td>The Drama</td>
<td></td>
</tr>
<tr>
<td>ENG-364</td>
<td>The Poem</td>
<td></td>
</tr>
<tr>
<td>ENG-365</td>
<td>Short Fiction</td>
<td></td>
</tr>
<tr>
<td>ENG-411</td>
<td>History of the English Language</td>
<td></td>
</tr>
</tbody>
</table>

**Cinema Studies Courses**

Five courses from the following: 15

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS-215</td>
<td>Alfred Hitchcock in America</td>
<td></td>
</tr>
<tr>
<td>COM-291</td>
<td>Documentary Film and Video</td>
<td></td>
</tr>
<tr>
<td>ENG-312</td>
<td>Creative Writing: Screenwriting</td>
<td></td>
</tr>
<tr>
<td>ENG-323</td>
<td>Workplace Writing: Reviewing and Publishing</td>
<td></td>
</tr>
<tr>
<td>ENG-381</td>
<td>Studies of Film Genre</td>
<td></td>
</tr>
<tr>
<td>ENG-382</td>
<td>Comparative Writing: Reviewing and Publishing</td>
<td></td>
</tr>
<tr>
<td>ENG-383</td>
<td>Global Cinemas</td>
<td></td>
</tr>
<tr>
<td>ENG-384</td>
<td>Film Adaptation</td>
<td></td>
</tr>
<tr>
<td>ENG-484</td>
<td>Seminar in Cinema Studies</td>
<td></td>
</tr>
<tr>
<td>ENG-490</td>
<td>Independent Research and Study (with permission)</td>
<td></td>
</tr>
<tr>
<td>GER-307</td>
<td>German Literature and Film</td>
<td></td>
</tr>
<tr>
<td>GMS-306</td>
<td>Ethnographic Film</td>
<td></td>
</tr>
<tr>
<td>MUS-309</td>
<td>Film Music</td>
<td></td>
</tr>
<tr>
<td>POL-306</td>
<td>Political Film</td>
<td></td>
</tr>
<tr>
<td>PSY-375</td>
<td>Psychology and Film</td>
<td></td>
</tr>
<tr>
<td>SPA-412</td>
<td>Hispanic Theater and Film</td>
<td></td>
</tr>
</tbody>
</table>

**Requirements for the Minor with a Concentration in Cinema Studies**  
(21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-250</td>
<td>Literary History I</td>
<td>3</td>
</tr>
<tr>
<td>ENG-251</td>
<td>Literary History II</td>
<td>3</td>
</tr>
<tr>
<td>ENG-284</td>
<td>Language of Film Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Two courses from the following: 6

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-331</td>
<td>Medieval Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-333</td>
<td>16th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-335</td>
<td>17th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-340</td>
<td>Restoration and 18th-Century Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-425</td>
<td>Seminar in Shakespeare</td>
<td></td>
</tr>
</tbody>
</table>

**GROUP 1**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-345</td>
<td>Romantic Literature, 1780–1830</td>
<td></td>
</tr>
<tr>
<td>ENG-346</td>
<td>Victorian Literature, 1830–1900</td>
<td></td>
</tr>
<tr>
<td>ENG-351</td>
<td>19th-Century American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-347</td>
<td>20th-Century British Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-348</td>
<td>Contemporary British Literature</td>
<td></td>
</tr>
</tbody>
</table>

**GROUP 2**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-352</td>
<td>20th-Century American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-353</td>
<td>Contemporary American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-441</td>
<td>Seminar in American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-443</td>
<td>Seminar in Literary Modernism</td>
<td></td>
</tr>
<tr>
<td>ENG-445</td>
<td>Seminar in Black and Multi-Ethnic Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-447</td>
<td>Global Literature</td>
<td></td>
</tr>
</tbody>
</table>

**GROUP 3**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-362</td>
<td>The Novel</td>
<td></td>
</tr>
<tr>
<td>ENG-363</td>
<td>The Drama</td>
<td></td>
</tr>
<tr>
<td>ENG-364</td>
<td>The Poem</td>
<td></td>
</tr>
<tr>
<td>ENG-365</td>
<td>Short Fiction</td>
<td></td>
</tr>
<tr>
<td>ENG-411</td>
<td>History of the English Language</td>
<td></td>
</tr>
<tr>
<td>ENG-425</td>
<td>Seminar in Shakespeare</td>
<td></td>
</tr>
<tr>
<td>ENG-435</td>
<td>Seminar in Milton</td>
<td></td>
</tr>
<tr>
<td>ENG-443</td>
<td>Seminar in Literary Modernism</td>
<td></td>
</tr>
<tr>
<td>ENG-445</td>
<td>Seminar in Black and Multi-Ethnic Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-447</td>
<td>Global Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-455</td>
<td>Seminar in Chaucer</td>
<td></td>
</tr>
</tbody>
</table>
Two courses from the following:

- AMS-215 Alfred Hitchcock in America
- COM-291 Documentary Film and Video
- ENG-312 Creative Writing: Screenwriting
- ENG-323 Workplace Writing: Reviewing and Publishing
- ENG-381 Studies in Film Genre
- ENG-382 Comparative Film Directors
- ENG-383 Global Cinemas
- ENG-384 Film Adaptation
- ENG-484 Seminar in Cinema Studies
- ENG-490 Independent Research and Study (with permission)
- GER-307 German Literature and Film (knowledge of German language required)
- GMS-306 Ethnographic Film
- MUS-309 Film Music
- POL-306 Political Film
- PSY-375 Psychology and Film
- SPA-412 Hispanic Theater and Film (knowledge of Spanish language required)

Honors Program in English
Qualified majors may apply for honors in their senior year. A student must have a 3.25 cumulative average and a 3.5 average in English. Upon approval from the department of English, a candidate for honors enrolls in ENG-497 Advanced Study, writes a thesis, and submits it for departmental approval. The student must achieve a course grade of “B+” or better to be graduated with honors in English.

Film and Media Studies

Requirements for the Minor
(21 semester hours)

Course No. Course Title Credits

Foundation Courses
ENG-284 Language of Film Analysis
SOC-252 Media, Culture and Society

Theory, History and Aesthetics
AMS-214* The Films of Stanley Kubrick
AMS-215 Alfred Hitchcock in America
ENG-381 Studies in Film Genre
ENG-382 Comparative Film Directors
ENG-383 Global Cinemas
ENG-384 Film Adaptation
ENG-484 Seminar in Cinema Studies
GER-307† German Literature and Film
MUS-309 Film Music
LAW-395* Cultural Politics: Cinema, Spectacle, Literature (BHP students only)
COM-291 Documentary Film and Video
COM-328 Sitcoms and American Culture
FRE-422† Cultural Expression in French Film and Television
GMS-306 Ethnographic Film
LAW-204 Law, Literature, and Film in America
LIT-322 German Literature and Film in English Translation
POL-306 Political Film
PSY-375 Psychology and Film
SPA-412† Hispanic Theater and Film
SPA-426† Latin-American/Latino Film and Fiction
THE-495* The Everyman Movies

Technical Aspects
COM-131 Fundamentals of Video Production
COM-234 Audio Production
COM-331 Television Production
ENG-312 Creative Writing: Screenwriting
THE-200 Acting for the Camera

In order to qualify for the Film and Media Studies Minor, English majors with a Cinema Studies Concentration must take four additional courses beyond the five cinema courses required for the concentration; English minors with a Cinema Studies concentration must take five additional courses beyond the two cinema courses required for the concentration.

*Examples of Special Topics courses that could be approved to fulfill the above categories.
†These courses require a proficiency in a foreign language.

Fine Arts

For Fine Arts concentrations in Art, Dance, Music, or Theater, refer to The School of Fine and Performing Arts (page 42).
Foreign Languages and Literatures

Requirements for the French Major
(24 semester hours beyond French IV and
12 semester hours in collateral liberal arts courses)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE-305</td>
<td>An Introduction to French Literature</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Seven courses from the following:</td>
<td>21</td>
</tr>
<tr>
<td>FRE-300</td>
<td>French Composition and Translation</td>
<td></td>
</tr>
<tr>
<td>FRE-301</td>
<td>French for Business and the Professions</td>
<td></td>
</tr>
<tr>
<td>FRE-311</td>
<td>French Culture</td>
<td></td>
</tr>
<tr>
<td>FRE-320</td>
<td>French Phonetics and Conversation</td>
<td></td>
</tr>
<tr>
<td>FRE-422</td>
<td>Cultural Expression in French Film and Television</td>
<td></td>
</tr>
<tr>
<td>FRE-425</td>
<td>The Portrait of the Hero in French Fiction</td>
<td></td>
</tr>
<tr>
<td>FRE-430</td>
<td>Mask and Reality in French Theater</td>
<td></td>
</tr>
<tr>
<td>FRE-435</td>
<td>The Self in French Prose and Poetry</td>
<td></td>
</tr>
<tr>
<td>FRE-440</td>
<td>A Quest for Identity: Francophone Literature and Culture</td>
<td></td>
</tr>
<tr>
<td>FRE-490</td>
<td>Independent Research and Study</td>
<td></td>
</tr>
<tr>
<td>FRE-496</td>
<td>Special Studies</td>
<td></td>
</tr>
</tbody>
</table>

Liberal Arts
Choose one option: 12

OPTION I
Two courses from the following:
LIT-250 Masterworks of Western Literature I
LIT-251 Masterworks of Western Literature II
LIT-390 The Bible as Literature
Two additional courses in another foreign language.

OPTION II
LIT-250 Masterworks of Western Literature I
or
LIT-251 Masterworks of Western Literature II
Three additional courses in another foreign language.

Some of the requirements may be met by Study Abroad. Students are strongly encouraged to spend at least one semester abroad.

All majors are expected to take at least one French course per semester in the senior year.

Requirements for the French Minor
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE-200</td>
<td>French III, IV*</td>
<td>6</td>
</tr>
<tr>
<td>FRE-305</td>
<td>An Introduction to French Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

Three French courses at the 300 level or above, including at least two literature courses 9

*Two advanced (300- or 400-level) courses will be substituted upon demonstrated proficiency.

Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper level course upon completion of a study abroad program.

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Requirements for the German Major
(24 semester hours beyond German IV and
12 semester hours in collateral liberal arts courses)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER-305</td>
<td>Introduction to German Literature</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Seven courses from the following:</td>
<td>21</td>
</tr>
<tr>
<td>GER-300</td>
<td>Composition and Conversation</td>
<td></td>
</tr>
<tr>
<td>GER-301</td>
<td>German for Business</td>
<td></td>
</tr>
<tr>
<td>GER-307</td>
<td>German Literature and Film</td>
<td></td>
</tr>
<tr>
<td>GER-310</td>
<td>German Culture</td>
<td></td>
</tr>
<tr>
<td>LIT-322</td>
<td>German Literature and Film in English Translation</td>
<td></td>
</tr>
<tr>
<td>GER-425</td>
<td>Self and Society in German Short Fiction</td>
<td></td>
</tr>
<tr>
<td>GER-430</td>
<td>Modern German Drama</td>
<td></td>
</tr>
<tr>
<td>GER-490</td>
<td>Independent Research and Study</td>
<td></td>
</tr>
<tr>
<td>GER-496</td>
<td>Special Studies</td>
<td></td>
</tr>
</tbody>
</table>

Liberal Arts
Choose one option: 12

OPTION I
Two courses from the following:
LIT-250 Masterworks of Western Literature I
LIT-251 Masterworks of Western Literature II
LIT-390 The Bible as Literature
Two additional courses in another foreign language.

OPTION II
LIT-250 Masterworks of Western Literature I
or
LIT-251 Masterworks of Western Literature II
Three additional courses in another foreign language.

Some of the requirements for the major may be met by Study Abroad. Credit toward the major may be granted for German III and IV if the student has begun study with German I and II.

All majors are expected to take at least one German course per semester in the senior year.

Requirements for the German Minor
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER-200</td>
<td>German III, IV*</td>
<td>6</td>
</tr>
<tr>
<td>GER-305</td>
<td>Introduction to German Literature</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>GER-307</td>
<td></td>
</tr>
<tr>
<td>GER-307</td>
<td>German Literature and Film</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Three German courses at the 300 level or above</td>
<td>9</td>
</tr>
</tbody>
</table>

*Two advanced language or literature courses will be substituted upon demonstrated proficiency.

Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper level course upon completion of a study abroad program.
## Requirements for the Russian Major
(24 semester hours beyond Russian IV
and 12 semester hours in collateral liberal arts courses)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIT-310</td>
<td>Russian Literature from 988 to 1850</td>
<td>3</td>
</tr>
<tr>
<td>LIT-311</td>
<td>Russian Literature from 1850 to 1917</td>
<td>3</td>
</tr>
<tr>
<td>LIT-312</td>
<td>20th-Century Russian Literature</td>
<td>3</td>
</tr>
<tr>
<td>LIT-313</td>
<td>Contemporary Russian Literature</td>
<td></td>
</tr>
<tr>
<td>LIT-315</td>
<td>Tolstoy</td>
<td></td>
</tr>
<tr>
<td>LIT-317</td>
<td>Dostoevsky</td>
<td></td>
</tr>
<tr>
<td>LIT-330</td>
<td>Russian Culture</td>
<td></td>
</tr>
<tr>
<td>RUS-490</td>
<td>Independent Research and Study</td>
<td></td>
</tr>
<tr>
<td>RUS-496</td>
<td>Special Studies</td>
<td></td>
</tr>
</tbody>
</table>

### Liberal Arts

Choose one option: 12 credits

**OPTION 1**

Two courses from the following:
- LIT-250 Masterworks of Western Literature I
- LIT-251 Masterworks of Western Literature II
- LIT-390 The Bible as Literature
  Two additional courses in another foreign language.

**OPTION II**

- LIT-250 Masterworks of Western Literature I
- LIT-251 Masterworks of Western Literature II
  Three additional courses in another foreign language.

### Requirements for the Russian Minor
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUS-200, 201</td>
<td>Russian III, IV*</td>
<td>6</td>
</tr>
<tr>
<td>LIT-310</td>
<td>Russian Literature from 988 to 1850</td>
<td>6</td>
</tr>
<tr>
<td>LIT-311</td>
<td>Russian Literature from 1850 to 1917</td>
<td></td>
</tr>
<tr>
<td>LIT-312</td>
<td>20th-Century Russian Literature</td>
<td></td>
</tr>
</tbody>
</table>

Two additional Russian literature or culture courses 6 credits

*Two advanced language or literature courses will be substituted upon demonstrated proficiency.

A Russian area studies minor is also offered.

## Requirements for the Spanish Major
(27 semester hours beyond the Spanish 200-level courses and
12 semester hours in collateral liberal arts courses)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA-300</td>
<td>Advanced Grammar and Composition</td>
<td></td>
</tr>
<tr>
<td>SPA-302</td>
<td>Writing and Translating for the Professions</td>
<td>3</td>
</tr>
<tr>
<td>SPA-301</td>
<td>Spanish for Business</td>
<td></td>
</tr>
<tr>
<td>SPA-395</td>
<td>Phonetics for Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPA-310</td>
<td>Spanish Culture and Civilization</td>
<td></td>
</tr>
<tr>
<td>SPA-311</td>
<td>Latin American/Latino Culture</td>
<td>3</td>
</tr>
<tr>
<td>SPA-320</td>
<td>Introduction to Spanish Literature</td>
<td>3</td>
</tr>
<tr>
<td>SPA-325</td>
<td>Introduction to Latin-American/Latino Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

### Language, Culture and Introductory Literature

**MEDIEVAL AND CLASSICAL PENINSULAR**

Two courses from the following:
- SPA-305 Cervantes
- SPA-403 Medieval Literature
- SPA-415 The Spanish Renaissance
- SPA-416 The Spanish Golden Age

### Modern Hispanic

One course from the following:
- SPA-410 Modern Hispanic Poetry
- SPA-411 The Modern Spanish Novel
- SPA-412 Hispanic Theater and Film
- SPA-426 Latin-American/Latino Film and Fiction

### Electives

- SPA-490 Independent Research and Study
- SPA-496 Special Studies

### Liberal Arts

Choose one option: 12 credits

**OPTION 1**

Two courses from the following:
- LIT-250 Masterworks of Western Literature I
- LIT-251 Masterworks of Western Literature II
- LIT-390 The Bible as Literature
  Two additional courses in another foreign language.

**OPTION II**

- LIT-250 Masterworks of Western Literature I
- LIT-251 Masterworks of Western Literature II
  Three additional courses in another foreign language.

Students are strongly encouraged to spend at least one semester abroad.

Some of the requirements for the major may be met by Study Abroad.

All majors are expected to take at least one Spanish course per semester in the senior year.
### Requirements for the Spanish Minor

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Language and Literature Track</strong> (18 semester hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPA-200, 201</td>
<td>Spanish III, IV*</td>
<td>6</td>
</tr>
<tr>
<td>SPA-300</td>
<td>Advanced Grammar and Composition</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPA-302</td>
<td>Writing and Translating for the Professions</td>
<td>3</td>
</tr>
<tr>
<td>SPA-320</td>
<td>Introduction to Spanish Literature</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPA-325</td>
<td>Introduction to Latin-American/ Latino Literature</td>
<td>3</td>
</tr>
<tr>
<td>Two additional courses at the 300 level or above, including at least one course at the 400 level</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

*Two advanced courses will be substituted for the 200 level courses upon demonstrated proficiency.

Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper level course upon completion of a study abroad program.

### Spanish for Business and the Professions Track (18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA-200, 201</td>
<td>Spanish III, IV*</td>
<td>6</td>
</tr>
<tr>
<td>SPA-300</td>
<td>Advanced Grammar and Composition</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPA-302</td>
<td>Writing and Translating for the Professions</td>
<td>3</td>
</tr>
<tr>
<td>SPA-301</td>
<td>Spanish for Business</td>
<td>3</td>
</tr>
<tr>
<td>Two additional courses at the 300 level or above, including at least one course at the 400 level</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

*Two advanced courses will be substituted for the 200 level courses upon demonstrated proficiency.

Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper level course upon completion of a study abroad program.

### Honors Program in Foreign Languages

The department faculty will identify prospective honors students at the earliest possible moment and offer them challenges and encouragement to develop to their highest potential. A student who has a 3.25 cumulative average and a 3.5 average in the major may be invited by the department, upon recommendation of a faculty member, to become a candidate for the honors program. Students should submit to the chairperson of the department, early in their sixth semester (March 15 or October 15), an Independent Research and Study (490) project form signed by a faculty sponsor. Applicants enroll in the 490 appropriate for their language in their seventh or eighth semester, and they are expected to develop their thesis or capstone project proposal and begin working on it over the prior summer. A substantive research project should be presented no later than April 15 or November 15 before a committee made up of the thesis advisor and other appropriate faculty members. Honors in foreign languages and literatures is granted upon the successful completion and defense of the thesis or capstone project and the recommendation of the faculty of the particular language. Students who are education majors and complete their teaching practicum in their final semester should plan to complete the thesis/capstone project in their seventh semester. Non-education students may complete it in the final semester of the senior year.

### Gender and Sexuality Studies

#### Requirements for the Minor (18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GND-200</td>
<td>Introduction to Women’s Studies</td>
<td>3</td>
</tr>
<tr>
<td>GND-400</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Four courses, at least two of which must have GND prefixes</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>ENG-230</td>
<td>Women in Literature</td>
<td></td>
</tr>
<tr>
<td>GND-100</td>
<td>Introduction to Gender Studies</td>
<td></td>
</tr>
<tr>
<td>GND-300</td>
<td>Feminist Literary Criticism</td>
<td></td>
</tr>
<tr>
<td>GND-310</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>GND-311</td>
<td>Gender and Communication</td>
<td></td>
</tr>
<tr>
<td>GND-312</td>
<td>Gender, War and Peace</td>
<td></td>
</tr>
<tr>
<td>GND-313</td>
<td>Gender and Ethics</td>
<td></td>
</tr>
<tr>
<td>GND-315</td>
<td>Seminar in Gender Studies</td>
<td></td>
</tr>
<tr>
<td>GND-350</td>
<td>Leadership and Community</td>
<td></td>
</tr>
<tr>
<td>GND-490</td>
<td>Independent Research and Study</td>
<td></td>
</tr>
<tr>
<td>GND-491</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>HIS-309</td>
<td>Women in American History</td>
<td></td>
</tr>
<tr>
<td>HIS-339</td>
<td>Women in East Asia</td>
<td></td>
</tr>
<tr>
<td>LAW-304</td>
<td>Women and Law</td>
<td></td>
</tr>
<tr>
<td>MCS-110</td>
<td>Race, Class and Gender in America</td>
<td></td>
</tr>
<tr>
<td>MGT-320</td>
<td>Managing Workforce Diversity</td>
<td></td>
</tr>
<tr>
<td>PHL-230</td>
<td>Philosophy of the Sexes</td>
<td></td>
</tr>
<tr>
<td>POL-280</td>
<td>Sex and Politics</td>
<td></td>
</tr>
<tr>
<td>PSY-218</td>
<td>Psychology of Women</td>
<td></td>
</tr>
<tr>
<td>PSY-374</td>
<td>Psychology of the Family</td>
<td></td>
</tr>
<tr>
<td>PSY-381</td>
<td>The Psychology of Gender</td>
<td></td>
</tr>
<tr>
<td>SOC-205</td>
<td>Families</td>
<td></td>
</tr>
<tr>
<td>SOC-312</td>
<td>Women in Society</td>
<td></td>
</tr>
<tr>
<td>SOC-316</td>
<td>Feminist Social Thought</td>
<td></td>
</tr>
</tbody>
</table>

Where Learning Meets Your Life
### Geological, Environmental, and Marine Sciences

#### Requirements for the Environmental Sciences Major
(60–62 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Environmental Sciences Core</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(47 semester hours)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Environmental Sciences</strong></td>
<td></td>
</tr>
<tr>
<td>ENV-100</td>
<td>Introduction to Environmental Sciences</td>
<td>4</td>
</tr>
<tr>
<td>ENV-350</td>
<td>Principles of Environmental Toxicology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Biology</strong></td>
<td></td>
</tr>
<tr>
<td>BIO-115</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Animals</td>
<td>4</td>
</tr>
<tr>
<td>BIO-116</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Plants</td>
<td>4</td>
</tr>
<tr>
<td>BIO-350</td>
<td>General Ecology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Chemistry/Physics</strong></td>
<td></td>
</tr>
<tr>
<td>CHE-120</td>
<td>Principles of Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHE-121</td>
<td>Principles of Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHE-122</td>
<td>Introduction to Chemical System</td>
<td>3</td>
</tr>
<tr>
<td>CHE-123</td>
<td>Quantitative Methods Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHE-211</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE-213</td>
<td>Organic Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>*Majors who plan to attend graduate school will be urged to take PHY-100, 100L, 101 and 101L in addition to these chemistry courses.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Geosciences</strong></td>
<td></td>
</tr>
<tr>
<td>GEO-100</td>
<td>Earth Systems Science</td>
<td>3</td>
</tr>
<tr>
<td>GEO-113</td>
<td>Environmental Geology</td>
<td></td>
</tr>
<tr>
<td>GEO-102</td>
<td>Earth Materials and Processes Lab</td>
<td>1</td>
</tr>
<tr>
<td>GEO-350</td>
<td>Soils and Surficial Processes</td>
<td>4</td>
</tr>
<tr>
<td>GEO-407</td>
<td>Hydrology and Water Resources</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Mathematics</strong></td>
<td></td>
</tr>
<tr>
<td>ENV-200</td>
<td>Statistical and Computer Applications in the Natural Sciences</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>*Majors will take MTH-105 or MTH-210 to fulfill their math core requirement.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Electives</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(13–15 semester hours)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Four courses with at least one from each group, at least three courses at the 300 level or higher; one must be a laboratory course; at least one, but not more than one course from Group C:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>13–15</td>
<td></td>
</tr>
<tr>
<td><strong>GROUP A</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO-117</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Cells</td>
<td></td>
</tr>
<tr>
<td>BIO-265</td>
<td>Genetics</td>
<td></td>
</tr>
<tr>
<td>BIO-272</td>
<td>Introduction to Marine Biology</td>
<td></td>
</tr>
<tr>
<td>BIO-305</td>
<td>Vertebrate Physiology</td>
<td></td>
</tr>
<tr>
<td>BIO-321</td>
<td>Environmental Microbiology</td>
<td></td>
</tr>
<tr>
<td>BIO-335</td>
<td>Modern Plant Biology</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>GROUP B</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Abiotic Processes</strong></td>
<td></td>
</tr>
<tr>
<td>CHE-214</td>
<td>Organic Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CHE-311</td>
<td>Analytical Chemistry</td>
<td></td>
</tr>
<tr>
<td>ENV-205</td>
<td>Introduction to Geographic Information Systems</td>
<td></td>
</tr>
<tr>
<td>ENV-375</td>
<td>Environmental Biogeochemistry</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Biogeochemistry</strong></td>
<td></td>
</tr>
<tr>
<td>GEO-201</td>
<td>Elements of Mineralogy</td>
<td></td>
</tr>
<tr>
<td>MAR-330</td>
<td>Chemical Oceanography</td>
<td></td>
</tr>
<tr>
<td>MAR-410</td>
<td>Physical Oceanography</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*Prerequisite of MAR-120</td>
<td></td>
</tr>
</tbody>
</table>

#### Requirements for the Geosciences Major
(66–67 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-117</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Cells</td>
<td></td>
</tr>
<tr>
<td>BIO-265</td>
<td>Genetics</td>
<td></td>
</tr>
<tr>
<td>BIO-272</td>
<td>Introduction to Marine Biology</td>
<td></td>
</tr>
<tr>
<td>BIO-305</td>
<td>Vertebrate Physiology</td>
<td></td>
</tr>
<tr>
<td>BIO-321</td>
<td>Environmental Microbiology</td>
<td></td>
</tr>
<tr>
<td>BIO-335</td>
<td>Modern Plant Biology</td>
<td></td>
</tr>
</tbody>
</table>

### Course No.  Course Title

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-372</td>
<td>Behavior of Marine Organisms: An Evolutionary Approach</td>
<td></td>
</tr>
<tr>
<td>MAR-227–229</td>
<td>Field Marine Science Courses</td>
<td></td>
</tr>
<tr>
<td>MAR-360</td>
<td>Plankton Ecology</td>
<td></td>
</tr>
<tr>
<td>GEO-100</td>
<td>Earth Systems Science</td>
<td></td>
</tr>
<tr>
<td>GEO-102</td>
<td>Earth Materials and Processes Lab</td>
<td></td>
</tr>
<tr>
<td>GEO-201</td>
<td>Elements of Mineralogy</td>
<td></td>
</tr>
<tr>
<td>GEO-210</td>
<td>Marine Life Through Time</td>
<td></td>
</tr>
<tr>
<td>GEO-305</td>
<td>Petrology and Petrography</td>
<td></td>
</tr>
<tr>
<td>GEO-306</td>
<td>Sedimentology</td>
<td></td>
</tr>
<tr>
<td>GEO-307</td>
<td>Stratigraphy</td>
<td></td>
</tr>
<tr>
<td>GEO-310</td>
<td>Structural Geology</td>
<td></td>
</tr>
<tr>
<td>GEO-350</td>
<td>Soils and Surficial Processes</td>
<td></td>
</tr>
<tr>
<td>GEO-407</td>
<td>Hydrology and Water Resources</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*Attendance at an approved summer geology field camp</td>
<td>3 or more</td>
</tr>
<tr>
<td></td>
<td>*Students may substitute a 200-level or above course from the department of mathematics curriculum.</td>
<td></td>
</tr>
<tr>
<td>CHE-120</td>
<td>Principles of Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHE-121</td>
<td>Principles of Chemistry Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

Rider University Undergraduate Academic Catalog 2008–2009
Requirements for the Integrated Sciences and Math Major
(50–51 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISM-100</td>
<td>Introduction to the Integrated Sciences and Math</td>
<td>4</td>
</tr>
</tbody>
</table>

Inquiry-based Introductory Course

**Inquiry-based Science Courses**

*Two courses from two different categories and not from area of declared concentration: 8*

**Life Sciences**

- BIO-110  Life Science: Inquiry Approach
- GEO-100  Earth Systems Science
- GEO-102  Earth Materials and Processes Laboratory
- MAR-120  Oceanography
- MAR-121  Introductory Oceanography Lab

**Earth Sciences**

- GEO-100  Earth Systems Science
- and 102  Earth Materials and Processes Laboratory
- MAR-120  Oceanography
- MAR-121  Introductory Oceanography Lab

**Physical Sciences**

- PHY-105  Matter, Forces and Energy:
  An Exploration of Physics Concepts
- CHE-118  Exploration of Chemical Principles
- CHE-122  Introduction to Chemical Systems
- CHE-123  Quantitative Methods Lab

**Mathematics**

- MTH-210  Calculus I
- MTH-230  Discrete Mathematics
- MTH-211  Calculus II
- MTH-212  Calculus III

**Areas of Concentration**

(18–20 semester hours)

Students must choose one area of concentration: Life Sciences, Earth Sciences, Physical Sciences or Mathematics.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-115</td>
<td>Principles of Biology: Evolution, Diversity, and</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Biology of Animals</td>
<td></td>
</tr>
<tr>
<td>BIO-116</td>
<td>Principles of Biology: Evolution, Diversity, and</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Biology of Plants</td>
<td></td>
</tr>
<tr>
<td>BIO-272</td>
<td>Introduction to Marine Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO-272L</td>
<td>Marine Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIO-350</td>
<td>General Ecology</td>
<td>4</td>
</tr>
<tr>
<td>MAR-325</td>
<td>Marine Vertebrates</td>
<td>4</td>
</tr>
</tbody>
</table>

Requirements for the Life Sciences Concentration

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO-100</td>
<td>Earth Systems Science</td>
<td>3</td>
</tr>
<tr>
<td>GEO-102</td>
<td>Earth Materials and Processes Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>MAR-120</td>
<td>Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>MAR-121</td>
<td>Introductory Oceanography Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

Requirements for the Earth Sciences Concentration

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO-100</td>
<td>Earth Systems Science</td>
<td>3</td>
</tr>
<tr>
<td>GEO-102</td>
<td>Earth Materials and Processes Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>MAR-120</td>
<td>Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>MAR-121</td>
<td>Introductory Oceanography Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

*Requirement for eligibility for graduation with honors in geosciences.*

Highly recommended for students aspiring to enter graduate school.

A minor in chemistry, physics, oceanography, or marine sciences is strongly recommended.

**Geological, Environmental, and Marine Sciences electives**

(One course from the following: 3–4)

- ENV-205  Introduction to Geographic Information Systems
- ENV-375  Environmental Biogeochemistry
- GEO-168  Mesozoic Ruling Reptiles: Dinosaurs, Pterosaurs, and Plesiosaurs
- GEO-480  Senior Thesis*
- MAR-340  Marine Processes and Environments: Seminar

Maximum 12 hours in any sequence of courses.

**Inquiry-based Introductory Course**

- ISM-100  Introduction to the Integrated Sciences and Math

**Inquiry-based Science Courses**

*Two courses from two different categories and not from area of declared concentration: 8*

**Life Sciences**

- BIO-110  Life Science: Inquiry Approach
- GEO-100  Earth Systems Science
- and 102  Earth Materials and Processes Laboratory
- MAR-120  Oceanography
- MAR-121  Introductory Oceanography Lab

**Earth Sciences**

- GEO-100  Earth Systems Science
- and 102  Earth Materials and Processes Laboratory
- MAR-120  Oceanography
- MAR-121  Introductory Oceanography Lab

**Physical Sciences**

- PHY-105  Matter, Forces and Energy:
  An Exploration of Physics Concepts
- CHE-118  Exploration of Chemical Principles
- CHE-122  Introduction to Chemical Systems
- CHE-123  Quantitative Methods Lab

**Mathematics**

- MTH-210  Calculus I
- MTH-230  Discrete Mathematics
- MTH-211  Calculus II
- MTH-212  Calculus III

**Areas of Concentration**

(18–20 semester hours)

Students must choose one area of concentration: Life Sciences, Earth Sciences, Physical Sciences or Mathematics.

**Life Sciences**

- BIO-110  Life Science: Inquiry Approach
- GEO-100  Earth Systems Science
- GEO-102  Earth Materials and Processes Laboratory
- MAR-120  Oceanography
- MAR-121  Introductory Oceanography Lab

**Earth Sciences**

- GEO-100  Earth Systems Science
- and 102  Earth Materials and Processes Laboratory
- MAR-120  Oceanography
- MAR-121  Introductory Oceanography Lab

**Physical Sciences**

- PHY-105  Matter, Forces and Energy:
  An Exploration of Physics Concepts
- CHE-118  Exploration of Chemical Principles
- CHE-122  Introduction to Chemical Systems
- CHE-123  Quantitative Methods Lab

**Mathematics**

- MTH-210  Calculus I
- MTH-230  Discrete Mathematics
- MTH-211  Calculus II
- MTH-212  Calculus III

*Requirement for eligibility for graduation with honors in geosciences.*

Highly recommended for students aspiring to enter graduate school.

A minor in chemistry, physics, oceanography, or marine sciences is strongly recommended.
Requirements for the Physical Sciences Concentration

CHE-120 Principles of Chemistry 3
CHE-121 Principles of Chemistry Lab 1
CHE-122 Introduction to Chemical Systems 3
CHE-123 Quantitative Methods Lab 1
PHY-200 General Physics I 4

One of the following pairs of courses: 8
PHY-105 Matter, Forces and Energy: An Exploration of Physics Concepts
CHE-211 Organic Chemistry I
and 213 Organic Chemistry I Lab or
CHE-118 Exploration of Chemical Principles
PHY-201 General Physics II

Requirements for the Mathematics Concentration

MTH-211 Calculus II* 4
MTH-212 Calculus III* 4
MTH-240 Linear Algebra 3

*Math 211 and 212 may be used to satisfy the concentration requirement only if not used to satisfy the Mathematics requirement of the major above.

Three or more courses from the following: 9
MTH-250 Differential Equations
MTH-308 Advanced Calculus
MTH-315 Modern Geometry
MTH-340 Probability and Statistics I
MTH-341 Probability and Statistics II
MTH-401 Modern Algebra
MTH-410 Complex Analysis
MTH-420 Number Theory
MTH-430 Introduction to Topology
MTH-440 Real Analysis

Capstone Course
ISM-410 Seminar in the Integrated Sciences and Math 3

Requirements for the Marine Sciences Major

(64–66 semester hours)

Course No.  Course Title  Credits
GEO-306 Sedimentology 3
GEO-407 Hydrology and Water Resources 3
MAR-210 Marine Life Through Time 3
MAR-380 The Learning and Teaching of Marine Science 3

Course No.  Course Title  Credits
MAR-401 Marine Ecology 4
MAR-410 Physical Oceanography 3

Biology

BIO-115 Principles of Biology: Evolution, Diversity, and Biology of Animals 4
BIO-272 Introduction to Marine Biology 3
BIO-272L Marine Biology Lab 1

Field Experience

One course from the following: 4
MAR-227 Introduction to Field Marine Science: Subtropical Environments* (taught at the Bermuda Biological Station, Bermuda)
MAR-228 Introduction to Field Marine Science: Boreal Environments* (taught at the Shoals Marine Laboratory, Gulf of Maine)
MAR-229 Introduction to Field Marine Science: Tropical Environments* (taught at the Institute of Marine Sciences, Roatan, Honduras)

*Two-week course taught in May–August on a rotating basis.

Chemistry

CHE-120 Principles of Chemistry 3
CHE-121 Principles of Chemistry Lab 1
CHE-122 Introduction to Chemical Systems 3
CHE-123 Quantitative Methods Lab 1

Physics

One sequence of courses from the following: 8
PHY-100 Principles of Physics I
PHY-100L Principles of Physics I Lab
PHY-101 Principles of Physics II
PHY-101L Principles of Physics II Lab
PHY-200 General Physics I
PHY-201 General Physics II

Mathematics

One course from the following: 4
MTH-105 Algebra and Trigonometry
MTH-210 Calculus I
MTH-211 Calculus II
MTH-212 Calculus III

Electives

Two courses from the following: 6–8
BIO-265 Genetics
BIO-350 General Ecology
BIO-372 Behavior of Marine Organisms: An Evolutionary Approach
CHE-211 Organic Chemistry I
CHE-213 Organic Chemistry I Lab
### Requirements for the Marine Sciences Minor

(20 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-115</td>
<td>Principles of Biology: Evolution, Diversity, and Biology of Animals</td>
<td>4</td>
</tr>
<tr>
<td>BIO-272</td>
<td>Introduction to Marine Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO-272L</td>
<td>Marine Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>GEO-100</td>
<td>Earth Systems Science*</td>
<td>3</td>
</tr>
<tr>
<td>GEO-102</td>
<td>Earth Materials and Processes Lab*</td>
<td>1</td>
</tr>
<tr>
<td>MAR-120</td>
<td>Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>MAR-121</td>
<td>Introductory Oceanography Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

One course from the following:

- MAR-227: Introduction to Field Marine Science: Subtropical Environments**  (taught at the Bermuda Biological Station, Bermuda)
- MAR-228: Introduction to Field Marine Science: Boreal Environments**  (taught at the Shoals Marine Laboratory, Gulf of Maine)
- MAR-229: Introduction to Field Marine Science: Tropical Environments**  (taught at the Institute of Marine Sciences, Roatan, Honduras)
- MAR-380: The Learning and Teaching of Marine Science

*Requirement for eligibility for graduation with honors in marine sciences. Highly recommended for students aspiring to enter graduate school.

A minor in biology, chemistry or environmental geology is strongly recommended.

### Requirements for Liberal Studies: Environmental Emphasis Major

(49–50 semester hours)

The Environmental Emphasis program is designed primarily as a second major for students in the School of Education interested in teaching science in elementary schools. This program is not designed to prepare students for further study in science disciplines at the graduate or professional level.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-115</td>
<td>Principles of Biology: Animals</td>
<td>4</td>
</tr>
<tr>
<td>BIO-116</td>
<td>Principles of Biology: Plants</td>
<td>4</td>
</tr>
<tr>
<td>CHE-120</td>
<td>Principles of Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHE-121</td>
<td>Principles of Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENV-100</td>
<td>Introduction to Environmental Sciences</td>
<td>4</td>
</tr>
<tr>
<td>ENV-200</td>
<td>Statistical and Computer Applications in the Natural Sciences</td>
<td>4</td>
</tr>
<tr>
<td>ENV-375</td>
<td>Environmental Biogeochemistry</td>
<td>3</td>
</tr>
<tr>
<td>GEO-102</td>
<td>Earth Materials and Processes Lab</td>
<td>1</td>
</tr>
<tr>
<td>GEO-113</td>
<td>Environmental Geology</td>
<td>3</td>
</tr>
<tr>
<td>GEO-407</td>
<td>Hydrology and Water Resources</td>
<td>4</td>
</tr>
<tr>
<td>MAR-120</td>
<td>Oceanography</td>
<td>3</td>
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<tr>
<td>MAR-121</td>
<td>Introductory Oceanography Lab</td>
<td>1</td>
</tr>
<tr>
<td>MTH-105</td>
<td>Algebra and Trigonometry</td>
<td>1</td>
</tr>
<tr>
<td>MTH-210</td>
<td>Calculus I</td>
<td>4</td>
</tr>
</tbody>
</table>

*This minor not available to marine sciences majors.

**Two-week course taught in May-August on a rotating basis.

### Requirements for the Oceanography Minor*

(21–22 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO-306</td>
<td>Sedimentology</td>
<td>4</td>
</tr>
<tr>
<td>MAR-120</td>
<td>Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>MAR-121</td>
<td>Introductory Oceanography Lab</td>
<td>1</td>
</tr>
<tr>
<td>MAR-330</td>
<td>Chemical Oceanography</td>
<td>4</td>
</tr>
<tr>
<td>MAR-340</td>
<td>Marine Processes and Environments: Seminar</td>
<td>3</td>
</tr>
<tr>
<td>MAR-410</td>
<td>Physical Oceanography</td>
<td>3</td>
</tr>
</tbody>
</table>

*Biology majors may substitute BIO-116.

**Two-week course taught in May–August on a rotating basis.
Electives

Biotic and Abiotic Processes

Two courses from the following:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-272</td>
<td>Introduction to Marine Biology</td>
<td></td>
</tr>
<tr>
<td>BIO-272L</td>
<td>Marine Biology Lab</td>
<td></td>
</tr>
<tr>
<td>BIO-335</td>
<td>Modern Plant Biology</td>
<td></td>
</tr>
<tr>
<td>BIO-350</td>
<td>General Ecology</td>
<td></td>
</tr>
<tr>
<td>BIO-372</td>
<td>Behavior of Marine Organisms</td>
<td></td>
</tr>
<tr>
<td>GEO-350</td>
<td>Soils and Surficial Processes</td>
<td></td>
</tr>
<tr>
<td>MAR-227</td>
<td>Introduction to Marine Science</td>
<td></td>
</tr>
<tr>
<td>MAR-228</td>
<td>Marine Biology Lab</td>
<td></td>
</tr>
<tr>
<td>MAR-229</td>
<td>Field Marine Science</td>
<td></td>
</tr>
<tr>
<td>PHY-100</td>
<td>Principles of Physics I</td>
<td></td>
</tr>
<tr>
<td>PHY-100L</td>
<td>Principles of Physics I Lab</td>
<td></td>
</tr>
<tr>
<td>PHY-200</td>
<td>General Physics I</td>
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</table>

Social Processes

One course from the following:

<table>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AMS-304</td>
<td>Technology and Science in America</td>
<td>3</td>
</tr>
<tr>
<td>CBA-316</td>
<td>Nature’s Business</td>
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</tr>
<tr>
<td>PHL-320</td>
<td>Philosophy of Science</td>
<td></td>
</tr>
<tr>
<td>SOC-225</td>
<td>Population Study</td>
<td></td>
</tr>
<tr>
<td>POL-215</td>
<td>Global Politics</td>
<td></td>
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</tbody>
</table>

Advanced Field Experience

One course from the following:

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<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENV-480</td>
<td>Senior Thesis</td>
<td>3–4</td>
</tr>
<tr>
<td>ENV-490</td>
<td>Independent Research and Study</td>
<td></td>
</tr>
<tr>
<td>MAR-380</td>
<td>The Learning and Teaching of Marine Science</td>
<td></td>
</tr>
</tbody>
</table>

Requirements for Liberal Studies:

Marine Ecological Emphasis Major

(51–52 semester hours)

The Marine Ecological Emphasis program is designed primarily as a second major for students in the School of Education interested in teaching science in elementary schools. This program is not designed to prepare students for further study in science disciplines at the graduate or professional level.

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<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-115</td>
<td>Principles of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO-272</td>
<td>Introduction to Marine Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO-272L</td>
<td>Marine Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHE-120</td>
<td>Principles of Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHE-121</td>
<td>Principles of Chemistry Lab</td>
<td>1</td>
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</table>

Geological, Environmental and Marine Sciences

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV-200</td>
<td>Statistical and Computer Applications in the Natural Sciences</td>
<td>4</td>
</tr>
<tr>
<td>GEO-100</td>
<td>Earth Systems Science</td>
<td>3</td>
</tr>
<tr>
<td>GEO-102</td>
<td>Earth Materials and Processes Lab</td>
<td>1</td>
</tr>
<tr>
<td>MAR-120</td>
<td>Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>MAR-121</td>
<td>Introductory Oceanography Lab</td>
<td>1</td>
</tr>
<tr>
<td>MAR-227</td>
<td>Introduction to 228, or 229 Field Marine Science</td>
<td></td>
</tr>
<tr>
<td>MAR-380</td>
<td>The Learning and Teaching of Marine Science</td>
<td>4</td>
</tr>
<tr>
<td>MAR-401</td>
<td>Marine Ecology</td>
<td>4</td>
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Mathematics

<table>
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<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MTH-105</td>
<td>Algebra and Trigonometry</td>
<td>4</td>
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<tr>
<td>MTH-210</td>
<td>Calculus I</td>
<td>3</td>
</tr>
</tbody>
</table>

Physics

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHY-100</td>
<td>Principles of Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PHY-100L</td>
<td>Principles of Physics I Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

Electives

Two electives including one at the 200 level or above:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-350</td>
<td>General Ecology</td>
<td></td>
</tr>
<tr>
<td>BIO-372</td>
<td>Behavior of Marine Organisms</td>
<td></td>
</tr>
<tr>
<td>CHE-122</td>
<td>Introduction to Chemical Systems and 123</td>
<td></td>
</tr>
<tr>
<td>ENV-375</td>
<td>Environmental Biogeochemistry</td>
<td></td>
</tr>
<tr>
<td>GEO-201</td>
<td>Elements of Mineralogy</td>
<td></td>
</tr>
<tr>
<td>GEO-306</td>
<td>Sedimentology</td>
<td></td>
</tr>
<tr>
<td>MAR-210</td>
<td>Marine Life Through Time</td>
<td></td>
</tr>
<tr>
<td>MAR-325</td>
<td>Marine Vertebrates: Fish to Mammals</td>
<td></td>
</tr>
<tr>
<td>MAR-330</td>
<td>Chemical Oceanography</td>
<td></td>
</tr>
<tr>
<td>MAR-340</td>
<td>Marine Processes and Environments: Seminar</td>
<td></td>
</tr>
<tr>
<td>MAR-360</td>
<td>Plankton Ecology</td>
<td></td>
</tr>
<tr>
<td>MAR-410</td>
<td>Physical Oceanography</td>
<td></td>
</tr>
<tr>
<td>PHY-101</td>
<td>Principles of Physics II</td>
<td></td>
</tr>
<tr>
<td>PHY-101L</td>
<td>Principles of Physics II Lab</td>
<td></td>
</tr>
</tbody>
</table>

Honors Program in Environmental Science, Geosciences, or Marine Sciences

The honors program in environmental science, geosciences, or marine sciences is awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the program is by invitation of the department faculty. Eligibility requirements include maintenance of at least a minimum GPA of 3.5 in courses required for the major and satisfactory completion of a senior thesis. In addition, an honors candidate must maintain an overall GPA of 3.0.
Global and Multinational Studies

Requirements for the Major
(39 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Foundation Courses</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Three courses from the following:</em></td>
<td>9</td>
</tr>
<tr>
<td>GMS-180</td>
<td>Understanding Global Relations</td>
<td></td>
</tr>
<tr>
<td>GMS-200</td>
<td>The Social Construction of Global Society</td>
<td></td>
</tr>
<tr>
<td>GMS-201</td>
<td>The Politics of the Global Economy</td>
<td></td>
</tr>
<tr>
<td>POL-215</td>
<td>Global Politics</td>
<td></td>
</tr>
</tbody>
</table>

| Tracks     | At least one POL course from tracks I, II and III below plus five elective courses (a minimum of five courses must be at the 300 level or above) | 24      |

I. GLOBAL COMMUNICATIONS AND INSTITUTIONS

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-252</td>
<td>Intercultural Communication</td>
<td></td>
</tr>
<tr>
<td>COM-393</td>
<td>International Communication</td>
<td></td>
</tr>
<tr>
<td>POL-210</td>
<td>Public Opinion</td>
<td></td>
</tr>
<tr>
<td>POL-219</td>
<td>Terrorism, Revolution and Political Violence</td>
<td></td>
</tr>
<tr>
<td>POL-295</td>
<td>Special Projects in Political Science: Model United Nations</td>
<td></td>
</tr>
<tr>
<td>POL-306</td>
<td>Political Film</td>
<td></td>
</tr>
<tr>
<td>POL-307</td>
<td>Political Communication</td>
<td></td>
</tr>
<tr>
<td>POL-367</td>
<td>Politics of Exile, Asylum and Diaspora</td>
<td></td>
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</table>

II. REGIONAL STUDIES

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO-315</td>
<td>Comparative Economic Systems</td>
<td></td>
</tr>
<tr>
<td>ECO-365</td>
<td>The Post-Soviet Economy and U.S. Business</td>
<td></td>
</tr>
<tr>
<td>HIS-274</td>
<td>Modern Russia</td>
<td></td>
</tr>
<tr>
<td>HIS-281</td>
<td>The Modern Middle East</td>
<td></td>
</tr>
<tr>
<td>HIS-283</td>
<td>Modern Latin America</td>
<td></td>
</tr>
<tr>
<td>HIS-284</td>
<td>Caribbean History</td>
<td></td>
</tr>
<tr>
<td>HIS-286</td>
<td>Modern East Asia</td>
<td></td>
</tr>
<tr>
<td>HIS-287</td>
<td>China in Revolution</td>
<td></td>
</tr>
<tr>
<td>HIS-288</td>
<td>African History</td>
<td></td>
</tr>
<tr>
<td>HIS-339</td>
<td>Women in East Asia</td>
<td></td>
</tr>
<tr>
<td>POL-216</td>
<td>Comparative Political Systems</td>
<td></td>
</tr>
<tr>
<td>POL-255</td>
<td>European Politics</td>
<td></td>
</tr>
<tr>
<td>POL-320</td>
<td>Politics of the Middle East</td>
<td></td>
</tr>
<tr>
<td>POL-340</td>
<td>Modern Democracy and Its Critics</td>
<td></td>
</tr>
<tr>
<td>POL-365</td>
<td>Third World Politics</td>
<td></td>
</tr>
<tr>
<td>SOC-270</td>
<td>Africa</td>
<td></td>
</tr>
<tr>
<td>SOC-271</td>
<td>Europe</td>
<td></td>
</tr>
<tr>
<td>SOC-309</td>
<td>Peasant Society</td>
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<td>SOC-341</td>
<td>Developing Societies</td>
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<tr>
<td>SOC-350</td>
<td>Social Policy</td>
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</tbody>
</table>

III. INTERNATIONAL RELATIONS

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>FIN-308</td>
<td>International Finance</td>
<td></td>
</tr>
<tr>
<td>HIS-311</td>
<td>American Foreign Relations since 1900</td>
<td></td>
</tr>
<tr>
<td>HIS-355</td>
<td>History of the 20th-Century Diplomacy</td>
<td></td>
</tr>
<tr>
<td>POL-215</td>
<td>Global Politics*</td>
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</table>

IV. LANGUAGE AND CULTURE

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>POL-219</td>
<td>Terrorism, Revolution and Political Violence</td>
<td></td>
</tr>
<tr>
<td>POL-295</td>
<td>Special Projects in Political Science: Model United Nations</td>
<td></td>
</tr>
<tr>
<td>POL-315</td>
<td>Global Issues</td>
<td></td>
</tr>
<tr>
<td>POL-350</td>
<td>U.S. Foreign and Security Policy</td>
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</tbody>
</table>

*If taken as a foundation course, another political science course from this area must be taken.

Requirements for the Minor
(21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td><strong>Foundation Courses</strong></td>
<td>9</td>
</tr>
<tr>
<td>GMS-180</td>
<td>Understanding Global Relations</td>
<td></td>
</tr>
<tr>
<td>GMS-200</td>
<td>The Social Construction of Global Society</td>
<td></td>
</tr>
<tr>
<td>GMS-201</td>
<td>The Politics of the Global Economy</td>
<td></td>
</tr>
<tr>
<td>POL-215</td>
<td>Global Politics</td>
<td></td>
</tr>
</tbody>
</table>

| Tracks     | One course each from tracks I, II and III. Of these, at least one must be a POL course | 9       |

I. GLOBAL COMMUNICATIONS AND INSTITUTIONS

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-252</td>
<td>Intercultural Communication</td>
<td></td>
</tr>
<tr>
<td>COM-393</td>
<td>International Communication</td>
<td></td>
</tr>
<tr>
<td>POL-210</td>
<td>Public Opinion</td>
<td></td>
</tr>
<tr>
<td>POL-219</td>
<td>Terrorism, Revolution and Political Violence</td>
<td></td>
</tr>
<tr>
<td>POL-295</td>
<td>Special Projects in Political Science: Model United Nations</td>
<td></td>
</tr>
<tr>
<td>POL-306</td>
<td>Political Film</td>
<td></td>
</tr>
<tr>
<td>POL-307</td>
<td>Political Communication</td>
<td></td>
</tr>
</tbody>
</table>

II. REGIONAL STUDIES

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO-315</td>
<td>Comparative Economic Systems</td>
<td></td>
</tr>
<tr>
<td>ECO-365</td>
<td>The Post-Soviet Economy and U.S. Business</td>
<td></td>
</tr>
<tr>
<td>HIS-274</td>
<td>Modern Russia</td>
<td></td>
</tr>
<tr>
<td>HIS-281</td>
<td>The Modern Middle East</td>
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<tr>
<td>HIS-283</td>
<td>Modern Latin America</td>
<td></td>
</tr>
<tr>
<td>HIS-284</td>
<td>Caribbean History</td>
<td></td>
</tr>
<tr>
<td>HIS-286</td>
<td>Modern East Asia</td>
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<td>China in Revolution</td>
<td></td>
</tr>
<tr>
<td>HIS-288</td>
<td>African History</td>
<td></td>
</tr>
<tr>
<td>HIS-339</td>
<td>Women in East Asia</td>
<td></td>
</tr>
<tr>
<td>POL-216</td>
<td>Comparative Political Systems</td>
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<tr>
<td>POL-255</td>
<td>European Politics</td>
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<tr>
<td>POL-320</td>
<td>Politics of the Middle East</td>
<td></td>
</tr>
<tr>
<td>POL-340</td>
<td>Modern Democracy and Its Critics</td>
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<td>POL-365</td>
<td>Third World Politics</td>
<td></td>
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<tr>
<td>SOC-270</td>
<td>Africa</td>
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<td>SOC-271</td>
<td>Europe</td>
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</tr>
<tr>
<td>SOC-309</td>
<td>Peasant Society</td>
<td></td>
</tr>
<tr>
<td>SOC-341</td>
<td>Developing Societies</td>
<td></td>
</tr>
<tr>
<td>SOC-350</td>
<td>Social Policy</td>
<td></td>
</tr>
</tbody>
</table>

III. INTERNATIONAL RELATIONS

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN-308</td>
<td>International Finance</td>
<td></td>
</tr>
<tr>
<td>HIS-311</td>
<td>American Foreign Relations since 1900</td>
<td></td>
</tr>
<tr>
<td>HIS-355</td>
<td>History of the 20th-Century Diplomacy</td>
<td></td>
</tr>
<tr>
<td>POL-215</td>
<td>Global Politics*</td>
<td></td>
</tr>
</tbody>
</table>

Note: For qualified students, BHP courses may be substituted in consultation with the department chairperson.
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS-288</td>
<td>African History</td>
<td></td>
</tr>
<tr>
<td>HIS-339</td>
<td>Women in East Asia</td>
<td></td>
</tr>
<tr>
<td>POL-216</td>
<td>Comparative Political Systems</td>
<td></td>
</tr>
<tr>
<td>POL-255</td>
<td>European Politics</td>
<td></td>
</tr>
<tr>
<td>POL-320</td>
<td>Politics of the Middle East</td>
<td></td>
</tr>
<tr>
<td>POL-328</td>
<td>Environmental Policy</td>
<td></td>
</tr>
<tr>
<td>POL-340</td>
<td>Modern Democracy and Its Critics</td>
<td></td>
</tr>
<tr>
<td>POL-365</td>
<td>Third World Politics</td>
<td></td>
</tr>
<tr>
<td>SOC-270</td>
<td>Africa</td>
<td></td>
</tr>
<tr>
<td>SOC-271</td>
<td>Europe</td>
<td></td>
</tr>
<tr>
<td>SOC-309</td>
<td>Peasant Society</td>
<td></td>
</tr>
<tr>
<td>SOC-341</td>
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<td></td>
</tr>
</tbody>
</table>

III. INTERNATIONAL RELATIONS

<table>
<thead>
<tr>
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<th>Course Title</th>
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</thead>
<tbody>
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<td></td>
</tr>
<tr>
<td>HIS-355</td>
<td>History of the 20th-Century Diplomacy</td>
<td></td>
</tr>
<tr>
<td>POL-215</td>
<td>Global Politics*</td>
<td></td>
</tr>
<tr>
<td>POL-219</td>
<td>Terrorism, Revolution and Political Violence</td>
<td></td>
</tr>
<tr>
<td>POL-295</td>
<td>Special Projects in Political Science: Model United Nations</td>
<td></td>
</tr>
<tr>
<td>POL-315</td>
<td>Global Issues</td>
<td></td>
</tr>
<tr>
<td>POL-350</td>
<td>U.S. Foreign and Security Policy</td>
<td></td>
</tr>
</tbody>
</table>

*If taken as a foundation course, another political science course from this area must be taken.

IV. LANGUAGE AND CULTURE

One course in the foreign language department at the 200 level or above. The course may be in a foreign language or culture 3

**History**

**Requirements for the Major**

(36–39 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS-110</td>
<td>Seminar in History*</td>
<td>3</td>
</tr>
<tr>
<td>HIS-208</td>
<td>U.S. I: American History from European Settlement through Reconstruction</td>
<td>3</td>
</tr>
<tr>
<td>HIS-209</td>
<td>U.S. II: American History from Reconstruction to the Present</td>
<td>3</td>
</tr>
<tr>
<td>HIS-214</td>
<td>Europe to 1715</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>Europe since 1715</td>
<td>3</td>
</tr>
<tr>
<td>HIS-360</td>
<td>Seminar in Historiography</td>
<td>3</td>
</tr>
<tr>
<td>HIS-460</td>
<td>History and Historical Method</td>
<td>3</td>
</tr>
</tbody>
</table>

Two from the following diversity courses:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS-201</td>
<td>African American History</td>
<td></td>
</tr>
<tr>
<td>HIS-269</td>
<td>Women in Europe from Antiquity to the French Revolution</td>
<td></td>
</tr>
<tr>
<td>HIS-280</td>
<td>Vietnam in Peace and War</td>
<td></td>
</tr>
<tr>
<td>HIS-281</td>
<td>The Modern Middle East</td>
<td></td>
</tr>
</tbody>
</table>

**Electives**

Five history courses above the HIS-250 level 15

*Required for freshmen only.

History majors are urged to take HIS-491 Internship in History. They are also encouraged to consider minors pertinent to their career aspirations as well as to their interests. Thus, philosophy (emphasis on logic and language) and English (expository writing and close reading) are fine minors for pre-law students; sociology, political science, psychology, economics, and law and justice also are suitable for pre-law, and appropriate for those considering management, politics, or public service.

**Requirements for the Minor**

(21 semester hours)

For students in SLAS: HIS-150 World History to 1500 and HIS-151 World History since 1500; plus five history electives, including four upper-level courses (HIS-250 to 490). For students in the College of Business Administration and the School of Education: seven courses in history, including three lower-level (HIS-150 to 249) and four upper-level courses (HIS-250 to 490).

**Honors Program in History**

Students with a 3.25 cumulative grade point average and 3.5 grade point average in history can qualify for honors by completing an honors thesis in HIS-460 History and Historical Method or HIS-490 Independent Research and Study. Students present a written proposal of their project no later than the beginning of the semester in which they take these courses. The finished thesis must be defended in an oral presentation to the history faculty and must meet departmental standards of excellence in research, writing, and analysis. Successful students wear an honors cord at graduation and receive recognition of honors in history on their diplomas.
### Requirements for the Minor
(Students may choose a concentration in either legal studies or criminal justice.)

### Requirements for the Legal Studies Concentration
(21 semester hours)*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category I</strong></td>
<td><strong>Multi-disciplinary Approaches to Law</strong></td>
<td></td>
</tr>
<tr>
<td>At least three courses from the following:</td>
<td>9–15</td>
<td></td>
</tr>
<tr>
<td>Baccalaureate Honors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BHP-209</td>
<td>Honors Seminar: Law and the Arts</td>
<td></td>
</tr>
<tr>
<td>BHP-322</td>
<td>Honors Seminar: The Guilty and the Innocent: Assessing Blame and Determining Punishment in Literature and Law</td>
<td></td>
</tr>
<tr>
<td>Business Policy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-210</td>
<td>Introduction to Law: Contracts</td>
<td></td>
</tr>
<tr>
<td>BUS-211</td>
<td>Commercial Law</td>
<td></td>
</tr>
<tr>
<td>BUS-214</td>
<td>Advanced Business Law</td>
<td></td>
</tr>
<tr>
<td>BUS-300</td>
<td>Social and Legal Environment of Business</td>
<td></td>
</tr>
<tr>
<td>BUS-315</td>
<td>Health Care Law, Ethics, and Policy</td>
<td></td>
</tr>
<tr>
<td>BUS-444</td>
<td>Selected Topics in Business Policy and Environment</td>
<td></td>
</tr>
<tr>
<td>Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM-301</td>
<td>Communication Law</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS-301</td>
<td>Constitutional History of the United States</td>
<td></td>
</tr>
<tr>
<td>Law and Justice Interdisciplinary Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW-140</td>
<td>Introductory Seminar in Law and Justice</td>
<td></td>
</tr>
<tr>
<td>LAW-150</td>
<td>Introduction to Forensics</td>
<td></td>
</tr>
<tr>
<td>LAW-204</td>
<td>Law, Literature, and Film in America</td>
<td></td>
</tr>
<tr>
<td>LAW-210</td>
<td>Criminal Investigation</td>
<td></td>
</tr>
<tr>
<td>LAW-304</td>
<td>Women and Law</td>
<td></td>
</tr>
<tr>
<td>LAW-305</td>
<td>Trial Advocacy</td>
<td></td>
</tr>
<tr>
<td>LAW-306</td>
<td>Law and Justice Experience</td>
<td></td>
</tr>
<tr>
<td>LAW-307</td>
<td>Criminal Justice Practice</td>
<td></td>
</tr>
<tr>
<td>LAW-308</td>
<td>Conflict and Conflict Resolution</td>
<td></td>
</tr>
<tr>
<td>LAW-310</td>
<td>Cyberspace Law and Policy</td>
<td></td>
</tr>
<tr>
<td>LAW-355</td>
<td>Sports and the Law</td>
<td></td>
</tr>
<tr>
<td>LAW-365</td>
<td>Rights of the Accused</td>
<td></td>
</tr>
<tr>
<td>LAW-395</td>
<td>Selected Topics in Law and Justice</td>
<td></td>
</tr>
<tr>
<td>LAW-401</td>
<td>Hate Crimes in the United States</td>
<td></td>
</tr>
<tr>
<td>LAW-405</td>
<td>Crime and Justice in the Media</td>
<td></td>
</tr>
<tr>
<td>LAW-490</td>
<td>Independent Research and Study</td>
<td></td>
</tr>
<tr>
<td>LAW-491</td>
<td>Internship in Law and Justice</td>
<td></td>
</tr>
<tr>
<td>LAW-496</td>
<td>Honors Thesis in Law and Justice</td>
<td></td>
</tr>
<tr>
<td><strong>Category II</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Law-Related Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A maximum of two courses from the following:</td>
<td>0–6</td>
<td></td>
</tr>
<tr>
<td>Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM-251</td>
<td>Interpersonal Communication</td>
<td></td>
</tr>
<tr>
<td>COM-252</td>
<td>Intercultural Communication</td>
<td></td>
</tr>
<tr>
<td>COM-302</td>
<td>Communication Ethics</td>
<td></td>
</tr>
<tr>
<td>COM-322</td>
<td>Argumentation and Debate Management and Human Resources</td>
<td></td>
</tr>
<tr>
<td>MGT-312</td>
<td>Introduction to Labor Relations</td>
<td></td>
</tr>
<tr>
<td>Philosophy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHL-115</td>
<td>Ethics</td>
<td></td>
</tr>
<tr>
<td>PHL-202</td>
<td>Social Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHL-203</td>
<td>Business Ethics</td>
<td></td>
</tr>
<tr>
<td>PHL-360</td>
<td>Contemporary Ethics</td>
<td></td>
</tr>
<tr>
<td>Political Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POL-326</td>
<td>Power in American Politics</td>
<td></td>
</tr>
<tr>
<td>POL-327</td>
<td>Contemporary Issues in American Public Policy</td>
<td></td>
</tr>
<tr>
<td>POL-361</td>
<td>The Judicial Process</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC-206</td>
<td>Deviance and Crime</td>
<td></td>
</tr>
<tr>
<td>SOC-216</td>
<td>Youth and Crime</td>
<td></td>
</tr>
<tr>
<td>SOC-340</td>
<td>Power and Politics</td>
<td></td>
</tr>
<tr>
<td>SOC-350</td>
<td>Social Policy</td>
<td></td>
</tr>
<tr>
<td><strong>Category III</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Theory/Application</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One course from the following:</td>
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<td></td>
</tr>
<tr>
<td>LAW-305</td>
<td>Trial Advocacy</td>
<td></td>
</tr>
<tr>
<td>LAW-306</td>
<td>Law and Justice Experience</td>
<td></td>
</tr>
<tr>
<td>LAW-307</td>
<td>Criminal Justice Practice</td>
<td></td>
</tr>
<tr>
<td>LAW-308</td>
<td>Conflict and Conflict Resolution</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW-490</td>
<td>Independent Research and Study</td>
<td></td>
</tr>
<tr>
<td>LAW-491</td>
<td>Internship in Law and Justice</td>
<td></td>
</tr>
<tr>
<td>LAW-496</td>
<td>Honors Thesis in Law and Justice</td>
<td></td>
</tr>
</tbody>
</table>

*Additional courses from within the major discipline or the School of Business, the School of Communications, the School of Education, the School of Humanities, the School of Social Welfare, the School of Management, the School of Nursing, the School of Public Affairs, the School of Public Health, the School of Public Policy, the School of Public Service, the School of Social Science, the School of Social Welfare, the School of Social Work, and the School of Veterinary Medicine and Biomedical Sciences.
**Category IV**

**Senior Seminar**

LAW-450  Law and Justice Senior Seminar  
(Required for all seniors in the minor)  3

*No more than three courses from the same department may be counted toward the minor.

**Students may take six additional credits from Category I instead of Category II.

† These courses may count toward Category III only with the permission of the director of the program.

†† No LAW course may be used more than once to fulfill minor requirements.

### Requirements for the Criminal Justice Concentration

(21 semester hours)*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Category I** Multi-disciplinary Approaches to Crime and Justice At least three courses from the following:</td>
<td>9–15</td>
</tr>
</tbody>
</table>

**Baccalaureate Honors**

BHP-322  Honors Seminar: The Guilty and the Innocent: Assessing Blame and Determining Punishment in Literature and Law

**Law and Justice Interdisciplinary Courses**

LAW-140 Introductory Seminar in Law and Justice
LAW-150 Introduction to Forensics
LAW-204 Law, Literature and Film in America
LAW-210 Criminal Investigation
LAW-304 Women and Law
LAW-305 Trial Advocacy
LAW-306 Law and Justice Experience
LAW-307 Criminal Justice Practice
LAW-308 Conflict and Conflict Resolution
LAW-310 Cyberspace Law and Policy
LAW-355 Sports and the Law
LAW-365 Rights of the Accused
LAW-395 Selected Topics in Law and Justice
LAW-401 Hate Crimes in the United States
LAW-405 Crime and Justice in the Media
LAW-490 Independent Research and Study
LAW-491 Internship in Law and Justice
LAW-496 Honors Thesis in Law and Justice

**Political Science**

POL-260 Politics of Law and Order
POL-361 The Judicial Process

**Psychology**

PSY-279 Psychology and Law

**Sociology**

SOC-206 Deviance and Crime
SOC-216 Youth and Crime
SOC-319 Criminal Justice and Corrections

### Course No.  Course Title  Credits

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Category II Crime and Justice Related Courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A maximum of two courses from the following:</td>
<td>0–6</td>
</tr>
</tbody>
</table>

**Communication**

COM-251 Interpersonal Communication
COM-252 Intercultural Communication
COM-322 Argumentation and Debate

**Philosophy**

PHL-303 Philosophy of Law

**Political Science**

POL-235 Race and Ethnicity in American Politics
POL-300 U.S. Constitutional Law
POL-301 Civil Liberties in the U.S.
POL-325 Public Administration
POL-335 Urban Politics

**Psychology**

PSY-220 Abnormal Psychology
PSY-365 Drugs and Human Behavior

**Sociology**

SOC-205 Families
SOC-207 Racial and Ethnic Relations
SOC-308 Cities and Suburbs
SOC-317 Law and the Legal Profession
SOC-340 Power and Politics
SOC-350 Social Policy

### Category III

**Theory/Application**

One course from the following:  3

LAW-305 Trial Advocacy
LAW-306 Law and Justice Experience
LAW-307 Criminal Justice Practice
LAW-308 Conflict and Conflict Resolution

**Electives†**

LAW-490 Independent Research and Study
LAW-491 Internship in Law and Justice
LAW-496 Honors Thesis in Law and Justice

### Category IV

**Senior Seminar**

LAW-450 Law and Justice Senior Seminar  
(Required of all seniors in the minor)  3

*No more than three courses from the same department may be counted toward the minor.

**Students may take six additional credits from Category I instead of Category II.

† These courses may count toward Category III only with the permission of the director of the program.

†† No LAW course may be used more than once to fulfill minor requirements.
## Mathematics

### Requirements for the Major
(50 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH-210, 211, 212</td>
<td>Calculus I, II, III</td>
<td>12</td>
</tr>
<tr>
<td>MTH-240</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MTH-250</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MTH-308</td>
<td>Advanced Calculus</td>
<td>3</td>
</tr>
<tr>
<td>MTH-315</td>
<td>Modern Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MTH-340</td>
<td>Probability and Statistical Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>MTH-401</td>
<td>Modern Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MTH-410</td>
<td>Complex Analysis</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Three 400-level mathematics electives (excluding MTH-490) or one 300-level and two 400-level mathematics electives (excluding MTH-490)</td>
<td>9</td>
</tr>
</tbody>
</table>

Mathematics majors must attain a “B” average in Calculus I and II in order to take advanced mathematics courses.

### Requirements for the Minor
(24 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH-210, 211, 212</td>
<td>Calculus I, II, III</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Four mathematics courses above the MTH-212 level</td>
<td>12</td>
</tr>
</tbody>
</table>

### Honors Program in Mathematics

Superior students majoring in mathematics may participate in a program leading to graduation with honors in mathematics. A candidate must submit a written application by March 1 of the junior year to the departmental honors committee. Admission to the program will be based on a 3.25 cumulative average in mathematics courses taken in the first five semesters and sponsorship by a member of the departmental faculty. During the senior year, the student will be enrolled in MTH-490 Independent Research and Study. Honors in mathematics is based on earning a 3.4 average in seven mathematics courses at the 300 and 400 levels (excluding MTH-490) and an acceptable senior thesis. Further information on the program can be obtained from the department.

## Multicultural Studies

### Requirements for the Minor
(21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCS-110</td>
<td>Race, Class, and Gender in Contemporary American Society</td>
<td>3</td>
</tr>
<tr>
<td>MCS-220</td>
<td>Issues in Multicultural Studies</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Five courses from the following three groups, chosen in consultation with the director</td>
<td>15</td>
</tr>
</tbody>
</table>

### Electives Emphasizing Multiculturalism within the United States

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS-210</td>
<td>Growing Up American</td>
<td></td>
</tr>
<tr>
<td>AMS-212</td>
<td>American Ethnic Groups: Irish, Jewish, and Italian Americans</td>
<td></td>
</tr>
<tr>
<td>AMS-227</td>
<td>The Philosophy of Martin Luther King, Jr.</td>
<td></td>
</tr>
<tr>
<td>AMS-228</td>
<td>Studies in American Jewish Culture</td>
<td></td>
</tr>
<tr>
<td>COM-252</td>
<td>Intercultural Communication</td>
<td></td>
</tr>
<tr>
<td>ENG-228</td>
<td>Black American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG-229</td>
<td>Multi-Ethnic Literature in America</td>
<td></td>
</tr>
<tr>
<td>HIS-201</td>
<td>African American History</td>
<td></td>
</tr>
<tr>
<td>HIS-307</td>
<td>The Immigrant in American Life</td>
<td></td>
</tr>
<tr>
<td>MGT-320</td>
<td>Managing Workforce Diversity</td>
<td></td>
</tr>
<tr>
<td>POL-235</td>
<td>Race and Ethnicity in American Politics</td>
<td></td>
</tr>
<tr>
<td>SOC-207</td>
<td>Racial and Ethnic Relations</td>
<td></td>
</tr>
<tr>
<td>SOC-272</td>
<td>Indians of North America</td>
<td></td>
</tr>
</tbody>
</table>

### Electives Providing Background and Context

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS-281</td>
<td>The Modern Middle East</td>
<td></td>
</tr>
<tr>
<td>HIS-283</td>
<td>Modern Latin America</td>
<td></td>
</tr>
<tr>
<td>HIS-284</td>
<td>Caribbean History</td>
<td></td>
</tr>
<tr>
<td>HIS-286</td>
<td>Modern East Asia</td>
<td></td>
</tr>
<tr>
<td>HIS-287</td>
<td>China in Revolution</td>
<td></td>
</tr>
<tr>
<td>HIS-288</td>
<td>African History</td>
<td></td>
</tr>
<tr>
<td>HIS-339</td>
<td>Women in East Asia</td>
<td></td>
</tr>
<tr>
<td>PHL-207</td>
<td>Asian Philosophy</td>
<td></td>
</tr>
<tr>
<td>POL-320</td>
<td>Politics of the Middle East</td>
<td></td>
</tr>
<tr>
<td>SOC-270</td>
<td>Africa</td>
<td></td>
</tr>
<tr>
<td>SPA-311</td>
<td>Latin-American/Latino Culture</td>
<td></td>
</tr>
<tr>
<td>SPA-325</td>
<td>Introduction to Latin-American/Latino Literature</td>
<td></td>
</tr>
<tr>
<td>SPA-426</td>
<td>Latin-American/Latino Film and Fiction</td>
<td></td>
</tr>
</tbody>
</table>
**Philosophy**

**Requirements for the Major**
(37 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL-100</td>
<td>Plato and Aristotle</td>
<td>3</td>
</tr>
<tr>
<td>PHL-115</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHL-210</td>
<td>Symbolic Logic</td>
<td>3</td>
</tr>
<tr>
<td>PHL-225</td>
<td>Modern Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHL-494</td>
<td>Preparation and Research for Senior Philosophy Thesis</td>
<td>1</td>
</tr>
<tr>
<td>PHL-495</td>
<td>Senior Philosophy Thesis</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>One 400-level philosophy seminar</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Four philosophy electives at the 300 level or above</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Two philosophy electives at any level</td>
<td>6</td>
</tr>
</tbody>
</table>

**Requirements for the Minor**
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL-100</td>
<td>Plato and Aristotle</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>One 400-level philosophy seminar</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Four philosophy electives, including one at the 300-level or above</td>
<td>12</td>
</tr>
</tbody>
</table>

**Requirements for the Ethics Minor**
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL-115</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHL-360</td>
<td>Contemporary Ethics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>One 400-level philosophy seminar</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Three philosophy electives including one at the 300-level or above</td>
<td>9</td>
</tr>
</tbody>
</table>

**Honors Program in Philosophy**
Honors in philosophy may be achieved, upon the recommendation of the department, by earning a 3.5 cumulative average in the discipline and completing the senior thesis with distinction.

**Physics**

**Requirements for the Minor**
(20 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY-200</td>
<td>General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHY-201</td>
<td>General Physics II</td>
<td>4</td>
</tr>
<tr>
<td>PHY-203</td>
<td>Introduction to Modern Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHY-300</td>
<td>Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>PHY-305</td>
<td>Electricity and Magnetism</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>One other 300- or 400-level physics course</td>
<td>3</td>
</tr>
</tbody>
</table>

**Political Science**

**Requirements for the Political Science Major**
(39 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL-100</td>
<td>Introduction to American Politics*</td>
<td>3</td>
</tr>
<tr>
<td>POL-102</td>
<td>Understanding Politics*</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>One course from each of the following four subfields:</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Political Science</td>
<td></td>
</tr>
<tr>
<td>POL-239</td>
<td>Political Thinkers and Political Thought</td>
<td></td>
</tr>
<tr>
<td>POL-340</td>
<td>Modern Democracy and Its Critics</td>
<td></td>
</tr>
<tr>
<td>POL-342</td>
<td>Freedom and Authority</td>
<td></td>
</tr>
<tr>
<td>POL-343</td>
<td>American Political Thought I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>American Politics</td>
<td></td>
</tr>
<tr>
<td>POL-235</td>
<td>Race and Ethnicity in American Politics</td>
<td></td>
</tr>
<tr>
<td>POL-305</td>
<td>Political Parties and Electoral Behavior</td>
<td></td>
</tr>
<tr>
<td>POL-312</td>
<td>Congressional Politics</td>
<td></td>
</tr>
<tr>
<td>POL-313</td>
<td>The American Presidency</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Law and Public Policy</td>
<td></td>
</tr>
<tr>
<td>POL-300</td>
<td>U.S. Constitutional Law</td>
<td></td>
</tr>
<tr>
<td>POL-301</td>
<td>Civil Liberties in the United States</td>
<td></td>
</tr>
<tr>
<td>POL-325</td>
<td>Public Administration</td>
<td></td>
</tr>
<tr>
<td>POL-326</td>
<td>Power in American Politics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Comparative Politics/International Relations</td>
<td></td>
</tr>
<tr>
<td>POL-215</td>
<td>Global Politics</td>
<td></td>
</tr>
<tr>
<td>POL-216</td>
<td>Comparative Political Systems</td>
<td></td>
</tr>
<tr>
<td>POL-225</td>
<td>Nationalism in World Politics</td>
<td></td>
</tr>
<tr>
<td>POL-365</td>
<td>Third World Politics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Six political science electives, four of which must be at the 300 or 400 level</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>One course from the following 400-level courses:</td>
<td>3</td>
</tr>
<tr>
<td>POL-450</td>
<td>Seminar in Political Science</td>
<td></td>
</tr>
<tr>
<td>POL-490</td>
<td>Independent Research and Study</td>
<td></td>
</tr>
<tr>
<td>POL-491</td>
<td>Internship in Political Science</td>
<td></td>
</tr>
</tbody>
</table>

*Must be taken in the freshman year.

**Requirements for the Minor**
(21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL-100</td>
<td>Introduction to American Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL-102</td>
<td>Understanding Politics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Five political science electives, three of which must be at the 300-level</td>
<td>15</td>
</tr>
</tbody>
</table>
Pre-Law Concentration in Political Science
Courses offered under the pre-law concentration consider such subjects as the nature of law and legal reasoning, constitutional and statutory interpretation, the operation of the federal and state judicial systems, the operation of the criminal justice system, the development and application of the law of civil rights and civil liberties, and the interaction of legal and political considerations in the development and administration of public policy. Students majoring in political science with a pre-law concentration are assigned to work with the department’s pre-law advisor.

Honors Program in Political Science
Majors who have completed eight courses in political science with a cumulative average of 3.5 may request candidacy for graduation with honors in political science. Students should submit to the chairperson of the department, early in their sixth semester (March 15 or October 15), an Independent Research and Study (490) project signed by a faculty sponsor and approved by the department. Applicants enroll in Political Science 490 in their seventh semester to develop a thesis proposal. Upon approval, the honors candidate will enroll in Political Science 499—Senior Honors Thesis, for six credits, in the last semester. A substantive research work should be presented no later than April 1 or November 1 before a committee made up of the thesis advisor and two faculty members approved by the department. Honors in political science are awarded upon the successful completion and defense of the thesis.

Political Communication

Requirements for the Minor
(21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL-307</td>
<td>Political Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Communication</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Three courses from the following:</td>
<td></td>
</tr>
<tr>
<td>COM-105</td>
<td>Mass Media Communication*</td>
<td>3</td>
</tr>
<tr>
<td>COM-205</td>
<td>Theories of Persuasion*</td>
<td>3</td>
</tr>
<tr>
<td>COM-322</td>
<td>Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>COM-390</td>
<td>Communication and Society: The American First Lady or The Making of the President</td>
<td>3</td>
</tr>
<tr>
<td>COM-391</td>
<td>Communication Criticism</td>
<td></td>
</tr>
<tr>
<td>COM-393</td>
<td>International Communication</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Political Science</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Three courses from the following:</td>
<td></td>
</tr>
<tr>
<td>GMS-180</td>
<td>Understanding Global Relations</td>
<td>3</td>
</tr>
<tr>
<td>POL-210</td>
<td>Public Opinion</td>
<td>3</td>
</tr>
<tr>
<td>POL-230</td>
<td>Methods of Political Analysis</td>
<td>3</td>
</tr>
<tr>
<td>POL-247</td>
<td>Political Campaigning</td>
<td>3</td>
</tr>
<tr>
<td>POL-295</td>
<td>Special Project: National Model United Nations**</td>
<td>3</td>
</tr>
<tr>
<td>POL-295</td>
<td>Special Project: Presidential Election Poll**</td>
<td>(only offered in presidential election years)</td>
</tr>
<tr>
<td>POL-301</td>
<td>Civil Liberties in the United States</td>
<td>3</td>
</tr>
<tr>
<td>POL-305</td>
<td>Political Parties and Electoral Behavior</td>
<td>3</td>
</tr>
<tr>
<td>POL-306</td>
<td>Political Film</td>
<td>3</td>
</tr>
<tr>
<td>POL-313</td>
<td>The American Presidency</td>
<td>3</td>
</tr>
<tr>
<td>POL-315</td>
<td>Global Issues</td>
<td>3</td>
</tr>
</tbody>
</table>

Recommended course
One course from the following:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-490</td>
<td>Independent Research and Study</td>
</tr>
<tr>
<td>COM-491</td>
<td>Internship in Communication</td>
</tr>
<tr>
<td>POL-490</td>
<td>Independent Research and Study</td>
</tr>
<tr>
<td>POL-491</td>
<td>Internship in Political Science</td>
</tr>
</tbody>
</table>

*May not be counted toward the minor by communication majors.

**Only one special project may be counted toward the minor.
Requirements for the Major
(37–46 semester hours)

Course No.  Course Title  Credits

Psychology
PSY-100  Introduction to Psychology  3
PSY-201  Statistics and Research Design  3

Upper Division Methods Courses
One course from the following:  4
PSY-302  Research Methods: Cognition with Lab
PSY-303  Research Methods: Social Psychology with Lab
PSY-335  Research Methods: Human Cognitive Neuroscience with Lab
PSY-336  Research Methods: Animal Learning and Behavior with Lab
PSY-340  Research Methods: Group Dynamics with Lab
PSY-350  Research Methods: Developmental Psychology with Lab

Lower Level
Four courses from at least three different areas:  12
Applied
PSY-237  Cognitive Disabilities
PSY-279  Psychology and Law
Adjustment and Psychopathology
PSY-220  Abnormal Psychology
Personality and Social
PSY-215  Personality
PSY-218  Psychology of Women
PSY-240  Social Psychology
Human Development
PSY-230  Child Development
PSY-231  Youth and Adolescent Development
Cognition
PSY-225  Learning and Memory
PSY-235  Cognitive Development
Biological Foundations
PSY-238  Sensation and Perception
PSY-255  Biopsychology

Upper Level
Four courses from the following:  12
PSY-305  Theories of Psychotherapy
PSY-312  Behavior Modification
PSY-315  Psychological Tests
PSY-330  Developmental Disabilities
PSY-333  Autism Spectrum Disorders
PSY-365  Drugs and Human Behavior
PSY-372  States of Consciousness
PSY-374  Psychology of the Family

Course No.  Course Title  Credits
PSY-375  Psychology and Film  3
PSY-377  Developmental Psychopathology  3
PSY-381  The Psychology of Gender  3
PSY-382  Aging, Brain and Cognition  3

Capstone Experience
Choose one capstone experience from the following:  3–12
Applied Experience
EDU-465  Student Teaching and Seminar
PSY-491  Internship in Psychology

Foundations of Psychology
PSY-400  Senior Seminar in Psychology  4
PSY-420  History of Psychology  3
PSY-490  Independent Research and Study  3

Electives*
PSY-295  Directed Study in Psychology  3

*Does not satisfy requirements for the major.

Requirements for the Minor
(18 semester hours)

Course No.  Course Title  Credits
PSY-100  Introduction to Psychology  3
Five psychology electives, including three at the 300 level or above  15

Honors Program in Psychology
A student may receive honors in psychology by fulfilling the following conditions beyond the basic requirements for the psychology major: complete one Independent Research and Study project (490); earn a cumulative average of 3.25 and an average of 3.5 in psychology at the time of graduation.
Russian Area Studies

Requirements for the Minor
(21 semester hours)*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUS-200, 201</td>
<td>Russian III, IV†</td>
<td>6</td>
</tr>
<tr>
<td>IND-401</td>
<td>Seminar in Russian Area Studies</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>RUS-490</td>
<td>3</td>
</tr>
<tr>
<td>Four courses from the following, at least one from each group:</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>HIS-273</td>
<td>Imperial Russia</td>
<td></td>
</tr>
<tr>
<td>HIS-274</td>
<td>Modern Russia</td>
<td></td>
</tr>
<tr>
<td>HIS-314</td>
<td>History of Socialism</td>
<td></td>
</tr>
<tr>
<td>LIT-310</td>
<td>Russian Literature from 988 to 1850</td>
<td></td>
</tr>
<tr>
<td>LIT-311</td>
<td>Russian Literature from 1850 to 1917</td>
<td></td>
</tr>
<tr>
<td>LIT-312</td>
<td>20th-Century Russian Literature</td>
<td></td>
</tr>
<tr>
<td>LIT-313</td>
<td>Contemporary Russian Literature</td>
<td></td>
</tr>
<tr>
<td>LIT-315</td>
<td>Tolstoy</td>
<td></td>
</tr>
<tr>
<td>LIT-317</td>
<td>Dostoevsky</td>
<td></td>
</tr>
<tr>
<td>LIT-330</td>
<td>Russian Culture</td>
<td></td>
</tr>
</tbody>
</table>

Optional Course

ECO-365 The Post-Soviet Economy and U.S. Business

*Of the 21 credit hours required, at least one course must be taken in two different disciplines—Russian literature and Russian history—unless they are requirements for the student's major.

†Language courses may be waived upon demonstrated proficiency. One or two other courses must be substituted from any of the above.

Sociology

Requirements for the Major
(45 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC-101</td>
<td>The Sociological Imagination</td>
<td>3</td>
</tr>
<tr>
<td>SOC-201</td>
<td>Introductory Seminar in Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC-301</td>
<td>Methods of Sociological Research</td>
<td>3</td>
</tr>
<tr>
<td>SOC-314</td>
<td>Social Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOC-400</td>
<td>Senior Seminar in Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Three courses from the following:</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>SOC-311</td>
<td>Social and Cultural Change</td>
<td></td>
</tr>
<tr>
<td>SOC-315</td>
<td>Issues in Modern Social Theory</td>
<td></td>
</tr>
<tr>
<td>SOC-317</td>
<td>Law and the Legal Profession</td>
<td></td>
</tr>
<tr>
<td>SOC-330</td>
<td>Social Inequality</td>
<td></td>
</tr>
<tr>
<td>SOC-340</td>
<td>Power and Politics</td>
<td></td>
</tr>
<tr>
<td>SOC-355</td>
<td>Interpersonal Relations</td>
<td></td>
</tr>
<tr>
<td>Six sociology electives</td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

Statistics

MTH-120 Introduction to Applied Statistics
or
POL-230 Methods of Political Analysis

Seniors planning to attend graduate school should take the Graduate Record Examination, including the Advanced Test in Sociology.

Requirements for the Minor
(21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC-101</td>
<td>The Sociological Imagination</td>
<td>3</td>
</tr>
<tr>
<td>SOC-201</td>
<td>Introductory Seminar in Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC-300</td>
<td>Work and Occupations</td>
<td></td>
</tr>
<tr>
<td>SOC-311</td>
<td>Social and Cultural Change</td>
<td></td>
</tr>
<tr>
<td>SOC-315</td>
<td>Issues in Modern Social Theory</td>
<td></td>
</tr>
<tr>
<td>SOC-317</td>
<td>Law and the Legal Profession</td>
<td></td>
</tr>
<tr>
<td>SOC-330</td>
<td>Social Inequality</td>
<td></td>
</tr>
<tr>
<td>SOC-340</td>
<td>Power and Politics</td>
<td></td>
</tr>
<tr>
<td>SOC-355</td>
<td>Interpersonal Relations</td>
<td></td>
</tr>
<tr>
<td>Four sociology electives</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Honors Program in Sociology

Honors in sociology may be achieved by earning a 3.5 cumulative average in the discipline and completing, through honors in sociology (496), a senior honors thesis with distinction.

Social Work

Requirements for the Minor
(18–21 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOW-200</td>
<td>Social Services and Social Work: An Introduction</td>
<td>3</td>
</tr>
<tr>
<td>SOW-300</td>
<td>Methods of Social Work Practice</td>
<td>3</td>
</tr>
<tr>
<td>SOW-301</td>
<td>Field Work Experience</td>
<td>3–6</td>
</tr>
<tr>
<td>One course from each of the following two groups:</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

**GROUP I**

SOC-205 Families
or
SOC-248 Social Service Organizations
or
SOC-350 Social Policy

**GROUP II**

PSY-230 Child Development
or
PSY-231 Youth and Adolescent Development

One additional course in an area of concentration relevant to social work

Seniors planning to attend graduate school should take the Graduate Record Examination, including the Advanced Test in Sociology.
Notes
# College of Continuing Studies

## 2008–2009 Calendar

### Fall Semester 2008

#### September

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 / Wednesday</td>
<td>Audit and late registration</td>
</tr>
<tr>
<td>5–7 p.m.</td>
<td>Alumni audit registration</td>
</tr>
<tr>
<td></td>
<td>All evening and day classes begin except eight-week evening classes</td>
</tr>
<tr>
<td>3–9 / Wednesday–Tuesday</td>
<td>Schedule changes (add/drop)</td>
</tr>
<tr>
<td>5–7 / Friday–Sunday</td>
<td>Weekend College—first class weekend</td>
</tr>
<tr>
<td>8–11 / Monday–Thursday</td>
<td>Eight-week evening classes begin</td>
</tr>
</tbody>
</table>

#### October

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 / Wednesday</td>
<td>December 2008 degree applications due</td>
</tr>
<tr>
<td>13 / Monday</td>
<td>Registration for spring 2009 semester begins</td>
</tr>
</tbody>
</table>

#### November

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>26–30 / Wednesday–Sunday</td>
<td>Thanksgiving recess—No evening or Weekend College classes</td>
</tr>
</tbody>
</table>

#### December

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 / Monday</td>
<td>Classes resume</td>
</tr>
<tr>
<td>4 / Thursday</td>
<td>Evening classes end</td>
</tr>
<tr>
<td>5 / Friday</td>
<td>Day classes end</td>
</tr>
<tr>
<td>7 / Sunday</td>
<td>Weekend College classes end</td>
</tr>
<tr>
<td>8–14 / Monday–Sunday</td>
<td>Evening/Weekend College final exams</td>
</tr>
</tbody>
</table>

### January 2009

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>23 / Friday</td>
<td>Deadline for make-up of fall semester incomplete grades</td>
</tr>
</tbody>
</table>

### Fall 2008 Withdrawal Dates

- **September 17–October 21**: Withdrawal, student discretion
- **October 22–November 18**: Withdrawal, consent of instructor
- **November 19–December 5**: Withdrawal, psychological or physiological incapacity

### Spring Semester 2009

#### January

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 / Monday</td>
<td>All evening and day classes begin</td>
</tr>
<tr>
<td>26 / Monday</td>
<td>5–7 p.m. Audit and late registration</td>
</tr>
<tr>
<td></td>
<td>Alumni audit registration</td>
</tr>
</tbody>
</table>

#### February

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–6 / Monday–Friday</td>
<td>Schedule changes (drop only)</td>
</tr>
</tbody>
</table>

#### March

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>16–22 / Monday–Sunday</td>
<td>Spring recess begins</td>
</tr>
</tbody>
</table>

#### April

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 / Thursday</td>
<td>Evening classes end</td>
</tr>
</tbody>
</table>

### May

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 / Friday</td>
<td>Day classes end</td>
</tr>
</tbody>
</table>

### Spring 2009 Withdrawal Dates

- **February 9–March 13**: Withdrawal, student discretion
- **March 16–April 17**: Withdrawal, consent of instructor
- **April 20–May 1**: Withdrawal, psychological or physiological incapacity

For the complete policy on Course Withdrawals, see page 199.
Rider's commitment to the part-time student is as old as Rider itself. Established as a business school in 1865 to meet the needs of returning Civil War veterans, it included an evening program for people unable to attend during the day. Rider expanded over the years, and by 1962 the School of Business Administration, the School of Education and Human Services, the School of Liberal Arts and Science, and the Evening School had been established. In 1992, Westminster Choir College of Princeton merged with Rider to become Westminster Choir College, The School of Music of Rider College. In 1994, Rider was designated a teaching university by the NJ Board of Higher Education.

Recognizing that learning is a lifelong process and that part-time students need a variety of learning opportunities, Rider established the School for Continuing Studies in 1978, incorporating the Evening School. Students enroll in Continuing Studies for a variety of reasons: to earn degrees; to learn more about our complex society; to use expanding leisure time, to update or upgrade professional skills; or to prepare for graduate school, certification, or career changes. Continuing Studies programs are responsive to all of these needs.

Students participating in the programs offered by Continuing Studies have various educational backgrounds and educational goals. Many enroll with high school backgrounds, while others bring college credits, undergraduate degrees, or even graduate degrees. Students enroll to earn associate's or bachelor's degrees; to develop their professional capabilities; to prepare for graduate study; and to enrich their personal lives.

Flexible Course Formats

The College of Continuing Studies offers courses in a variety of formats to meet the needs of the adult student's busy schedule. Students may take courses during the day, evening, every other weeknight or weekend. In addition, students may choose to take distance learning courses. Some formats are restricted and may require a minimum GPA.

Day courses meet either twice a week for one and a half hours or three times a week for an hour. Day courses may start at 8 a.m. Evening courses meet once a week for three hours. Evening courses may start at 6, 6:30 or 6:45 p.m. Alternate weeknight or weekend courses meet every other week for three hours for a total of eight class meetings during a semester. Evening alternate courses may start at 6 or 6:45 p.m. Weekend alternate courses are scheduled Friday at 6:15 p.m., Saturday morning or afternoon, or Sunday starting at 11 a.m.

Summer Session

Administered by CCS, the summer session provides students with an opportunity to enrich their personal or professional backgrounds; to complement work taken during the fall and spring semesters; and to accelerate their college programs.

Additional information about the summer session, including course offerings and application information, is available in the summer session catalog and on Rider’s Web page www.rider.edu/summer. Inquiries about the summer session should be directed to CCS, 609-896-5033.

### Degrees Offered

All College of Continuing Studies (CCS) degrees may be earned by attending classes offered during the evening, day or weekends. See section titled Flexible Course Formats beginning on page 87.

The bachelor's and associate's degree programs offer students a unified body of course work, culminating in a recognized credential. Through CCS, the part-time or full-time student may earn the bachelor of arts degree in liberal studies in six concentrations, the bachelor of science degree in chemistry and the bachelor of science in business administration in nine areas. Students completing any of these bachelor degree programs may seek additional study at the graduate level. See the section titled Office of Graduate Admission for more information, page 104.

The bachelor of science in business administration is conferred by the College of Business Administration. Within this degree program, students may choose from majors in accounting, advertising, business administration, computer information systems, entrepreneurial studies, finance, human resource management, management and leadership, and marketing.

Students may also seek an associate's degree, either as a goal in itself or as an intermediate step toward a bachelor's degree. Associate's degrees may be earned in business administration of general studies.

See the section titled Undergraduate Degree Programs for degree requirements.

### Minor Programs

Students pursuing a bachelor of science in business administration or a bachelor of arts in liberal studies may minor in minors that are offered by the School of Liberal Arts and Sciences on page 52 or the College of Business Administration on page 19.

Students interested in pursuing a minor need the approval of the chairperson of the minor program and the dean. Students are also encouraged to consult with their CCS advisor prior to declaring a minor.

### Bachelor’s Degree Programs

#### Bachelor of Science in Business Administration (B.S.B.A.)

**Common Curriculum Requirements**

All students in business administration are required to take courses in business and nonbusiness subjects. The purpose of these courses is to provide exposure in areas significant in the conduct of business, social, and political affairs. Thus, every candidate is required to complete specified courses in English, accounting, management sciences, economics, finance, management and leadership, marketing, and two courses each in the natural sciences, social sciences, and the humanities.

Of the 120 semester hours of credit required for graduation, at least 45 semester hours, including the last 30, must be taken at Rider.
**Business Subjects**
(51 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC-210</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACC-220</td>
<td>Managerial Uses of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>FIN-300</td>
<td>Introduction to Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGT-201</td>
<td>Fundamentals of Management and Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKT-200</td>
<td>Marketing Principles</td>
<td>3</td>
</tr>
<tr>
<td>MSD-340</td>
<td>Production and Operations</td>
<td>3</td>
</tr>
<tr>
<td>BUS-300</td>
<td>Social and Legal Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>CIS-485</td>
<td>Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>BUS-400</td>
<td>Strategic Management and Policy</td>
<td>3</td>
</tr>
</tbody>
</table>

†Major Requirements 18*
†Electives 6

*Accounting majors take eight major courses and one business elective.
†Must include one international business elective.

**Nonbusiness Subjects**
(57 semester hours)

In addition to the business subjects, the student must acquire at least 57 semester hours in liberal arts and sciences and statistics courses.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-185</td>
<td>Introduction to Computing</td>
<td>3</td>
</tr>
<tr>
<td>CMP-120</td>
<td>Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>CMP-125</td>
<td>Research Writing</td>
<td>3</td>
</tr>
<tr>
<td>or CMP-203</td>
<td>Literature and Composition</td>
<td>3</td>
</tr>
<tr>
<td>COM-290</td>
<td>Professional and Strategic Speech</td>
<td>3</td>
</tr>
<tr>
<td>ECO-200</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO-201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MSD-105</td>
<td>Quantitative Methods for Business I</td>
<td>3</td>
</tr>
<tr>
<td>MSD-200, 201</td>
<td>Statistical Methods I, II</td>
<td>6</td>
</tr>
</tbody>
</table>

Electives

Natural Science electives 6
Humanities electives 6
Social Science electives 6
†Electives in liberal arts subjects 12**

**Natural Sciences**
- Biochemistry
- Biopsychology
- Biology
- Chemistry
- Geosciences
- Marine Sciences
- Physics
- Psychology

**Social Studies**
- American Studies
- Communication
- Gender Studies
- Global and Multinational Studies
- History
- Law and Justice
- Multicultural Studies
- Political Science
- Social Work
- Sociology

**Humanities**
- English
- Literature
- Fine Arts (Art, Dance, Music, Theater)
- Foreign Languages and Literatures (Chinese, French, German, Italian, Russian, Spanish)
- Philosophy

**Accounting**
Mission Statement
The Department of Accounting strives to provide our students with an intellectually-rewarding education which enables them to pursue a variety of possible career paths in the profession.

We support the mission of the college and University in fostering a challenging, yet supportive, learning environment. We recognize the need for our curricula to provide for student technical accounting competencies, for skill building and for an appreciation of interdisciplinary linkages to accounting. We value development in such areas as written and oral communications, information technology, ethics and global business perspectives.

*Note: Accounting majors are required to have 9.

**International Business Requirement**
All CBA students are required to choose an elective course that emphasizes global business dynamics. Courses can be used as either a major, business, or free elective. Students may choose from the following list of courses:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV-369</td>
<td>International Advertising</td>
<td></td>
</tr>
<tr>
<td>BUS-375</td>
<td>International Business Law</td>
<td></td>
</tr>
<tr>
<td>CBA-315</td>
<td>Global Business Study Tour</td>
<td></td>
</tr>
<tr>
<td>CBA-316</td>
<td>Nature’s Business Study Tour</td>
<td></td>
</tr>
<tr>
<td>CBA-317</td>
<td>Emerging Nations Study Tour</td>
<td></td>
</tr>
<tr>
<td>CBA-490</td>
<td>Independent Study: Global Business</td>
<td></td>
</tr>
<tr>
<td>ECO-305</td>
<td>International Trade and Investment</td>
<td></td>
</tr>
<tr>
<td>ECO-315</td>
<td>Comparative Economic Systems</td>
<td></td>
</tr>
<tr>
<td>ECO-365</td>
<td>The Post-Soviet Economy and U.S. Business</td>
<td></td>
</tr>
<tr>
<td>FIN-308</td>
<td>International Finance</td>
<td></td>
</tr>
<tr>
<td>MGT-375</td>
<td>International Management</td>
<td></td>
</tr>
<tr>
<td>MKT-330</td>
<td>International Marketing</td>
<td></td>
</tr>
</tbody>
</table>

**Major Fields of Study**

**Accounting**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV-369</td>
<td>International Advertising</td>
<td></td>
</tr>
<tr>
<td>BUS-375</td>
<td>International Business Law</td>
<td></td>
</tr>
<tr>
<td>CBA-315</td>
<td>Global Business Study Tour</td>
<td></td>
</tr>
<tr>
<td>CBA-316</td>
<td>Nature’s Business Study Tour</td>
<td></td>
</tr>
<tr>
<td>CBA-317</td>
<td>Emerging Nations Study Tour</td>
<td></td>
</tr>
<tr>
<td>CBA-490</td>
<td>Independent Study: Global Business</td>
<td></td>
</tr>
<tr>
<td>ECO-305</td>
<td>International Trade and Investment</td>
<td></td>
</tr>
<tr>
<td>ECO-315</td>
<td>Comparative Economic Systems</td>
<td></td>
</tr>
<tr>
<td>ECO-365</td>
<td>The Post-Soviet Economy and U.S. Business</td>
<td></td>
</tr>
<tr>
<td>FIN-308</td>
<td>International Finance</td>
<td></td>
</tr>
</tbody>
</table>

**Electives in liberal arts subjects 12**

CMP-115 will be waived for students who attain a 530 or above on the verbal SAT or a specified qualifying score on the English Department Placement Test. A student may use CMP-115 Introduction to Expository Writing as a humanities elective.

**Upper-level economics courses (300 and 400 levels) may be used as business or free electives only; they may not be used as liberal arts electives. A student may use Intermediate Macroeconomics (ECO-210) or Intermediate Microeconomics (ECO-211) as liberal arts electives, the other course (or both) can be business or free elective.

**Advertising and actuarial science majors must satisfy this requirement with specified courses (see Requirements for the Major, page 22).**

**Free Electives**
(12 semester hours)*

The minimum requirements in business and nonbusiness subjects normally leave a student with an additional 12* semester hours that must be completed to satisfy the 120 required for graduation.

Free elective hours may be taken in any department at Rider, provided the student meets the requirements imposed by the department offering the course. Courses from a second major may be used to fill the free elective hours.

*Note: Accounting majors are required to have 9.
Department faculty are dedicated to effective teaching. We recognize also the need to contribute intellectually to both the practice and pedagogy of accounting. We value our ability to provide service to our stakeholders and recognize a responsibility to work constructively with students, alumni, accounting professionals and members of the community to meet the challenges of a changing marketplace and profession.

The primary objective of the accounting curriculum is to offer courses that will give students a practical and conceptual understanding of accounting methods and techniques, with the ultimate aim of preparing them for continuing education and employment and advancement in the fields of private, public or governmental accounting. Class discussions, selected problems, and assigned and suggested readings are directed toward teaching the student to read, analyze and think critically, to exercise independent judgment, to apply appropriate technology, and to develop an awareness of ethics, social and legal responsibility.

### Requirements for the Major

(24 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC-302</td>
<td>Cost Management</td>
<td>3</td>
</tr>
<tr>
<td>ACC-310, 311</td>
<td>Accounting Theory and Concepts I, II</td>
<td>6</td>
</tr>
<tr>
<td>ACC-320</td>
<td>Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ACC-400</td>
<td>Auditing and Corporate Governance</td>
<td>3</td>
</tr>
<tr>
<td>ACC-405</td>
<td>Accounting Problems and Practice I</td>
<td>3</td>
</tr>
<tr>
<td>ACC-406</td>
<td>Accounting Problems and Practice II</td>
<td>3</td>
</tr>
<tr>
<td>ACC-410</td>
<td>Fundamentals of Federal Taxation</td>
<td>3</td>
</tr>
</tbody>
</table>

*Fall 2005 incoming freshmen must take both ACC-400 and ACC-406. Students admitted prior to Fall 2005 have the option to take either ACC-400 or ACC-406. Students who are accepted into the MAcc program after 90 credit hours may substitute a required graduate accounting course for ACC-406.*

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

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

### Advertising

The advertising major prepares students for careers in advertising agencies, large or small, or in the advertising or promotion departments of profit or nonprofit organizations. Possible entry level positions include media buyer, copy writer, and assistant account executive. This program combines a solid background in the business disciplines with the study of communications. It emphasizes the role of advertising/promotion within the marketing communications strategy.

### Core Requirements

- ADV-300 Advertising Principles 3
- ADV-311 Advertising Copy and Layout 3
- ADV-315 Media Planning and Strategy 3
- ADV-435 Advertising Campaigns 3
- MKT-320 Consumer Behavior 3
- MKT-366 Marketing Research 3

*In addition to the core requirements, each student selects one of two tracks.*

#### Advertising (general)

<table>
<thead>
<tr>
<th>Required Nonbusiness Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-105 Mass Media Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM-212 Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-240 Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>COM-360 Advanced Publication Design and Presentation</td>
<td>3</td>
</tr>
<tr>
<td>PSY-100 Introduction to Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Business Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-340 Electronic Commerce</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Nonbusiness Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>(15 semester hours, in lieu of liberal arts electives)</td>
<td></td>
</tr>
<tr>
<td>COM-212 Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COM-261 Multimedia I</td>
<td>3</td>
</tr>
<tr>
<td>COM-360 Advanced Publication Design and Presentation</td>
<td>3</td>
</tr>
<tr>
<td>COM-364 Multimedia II</td>
<td>3</td>
</tr>
<tr>
<td>CIS-200 Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>PSY-100 Introduction to Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

For graduation, students must achieve an overall GPA of 2.0 in the major, with no course grade less than "C-". Majors are encouraged to take additional courses offered by the marketing department to satisfy business elective and free elective requirements.

### Business Administration

#### Requirements for the Major

(18 semester hours)

The business administration major requires completion of 18 semester hours. For graduation, students must achieve an overall GPA of 2.0 in the major. Business administration majors may not count more than six semester hours or two courses from either track toward a different major.

This major provides a strong grounding in all areas of managing large and medium businesses and is appropriate for those who do not wish to specialize in a particular functional area. It is useful for:

- those who may want to enter a management training program with a future employer;
- those who may want to attend graduate school in fields such as business or law.

Courses are to be selected as specified below:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>One upper level economics elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>One upper level finance elective</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
Students with a major in computer information systems (CIS) develop a solid understanding of the use, design, development and management of information systems and information technology. CIS majors at Rider University prepare for a variety of professional career paths. They develop expertise with various application development and networking tools, and discover how the effective use of information systems can create new business opportunities in addition to solving existing business problems.

All of the CIS courses are designed to give students the opportunity to develop and manage projects that can be applied immediately to real organizational settings. Increasingly, firms seeking individuals with a technological specialization expect outstanding organizational communications, and interpersonal skills, in addition to excellent analytical skills. To that end, many of the CIS course projects are designed to encourage students to develop and utilize these competencies.

CIS majors begin with CIS-185 Introduction to Computing, which is also required of all business majors. This course introduces them to software including Microsoft XP, Office, and SAP R/3. After satisfactorily completing this course, students may pursue the CIS major.

The required CIS core includes Introduction to Programming and Networking. Additionally, each CIS major will choose from one of six model plans of study and take at least three courses in the plan, plus one additional CIS elective of their choice. The six models include Multimedia, Enterprise Management, Developer/Analyst, Network Management, Business Intelligence and E-business. Each model prepares the student for a focused career path in information technology. The choice of elective enables the student to further develop a concentration in a particular area or round out his/her knowledge base. Students work with their CIS advisors to develop a plan of study that best meets their needs.

In their last year, CIS majors take CIS-485 Management Information Systems, which focuses on the use and management of information technology for the strategic and competitive advantage of an organization. This is also a capstone for all business majors at Rider. This course emphasizes the importance of integrating enterprise-wide resources for maximum organizational effectiveness.
Entrepreneurial Studies
(18 semester hours)

This major is intended for those who anticipate:
• starting their own business;
• joining a family business;
• working for a small company.

Students in this major take the following courses:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT/MGT-348</td>
<td>Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>ENT/ACC-335</td>
<td>Small Business Taxation</td>
<td>3</td>
</tr>
<tr>
<td>Three of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT/FIN-350</td>
<td>Entrepreneurial Finance</td>
<td>3</td>
</tr>
<tr>
<td>MKT-350</td>
<td>Retailing Management</td>
<td>3</td>
</tr>
<tr>
<td>ENT-360</td>
<td>Family Business Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS-214</td>
<td>Advanced Business Law</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-210</td>
<td>Contracts</td>
<td>3</td>
</tr>
<tr>
<td>CIS-260</td>
<td>Business Graphics</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIS-340</td>
<td>Electronic Commerce</td>
<td>3</td>
</tr>
<tr>
<td>CBA-220</td>
<td>Minding Our Business</td>
<td>3</td>
</tr>
<tr>
<td>MGT-310</td>
<td>Introduction to Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGT-363</td>
<td>Management Skills</td>
<td>3</td>
</tr>
<tr>
<td>ENT-420</td>
<td>Student Venture Experience</td>
<td>3</td>
</tr>
<tr>
<td>ENT/MGT-448</td>
<td>Seminar in Small Business Consulting</td>
<td>3</td>
</tr>
<tr>
<td>ENT-490</td>
<td>Independent Study</td>
<td>3</td>
</tr>
<tr>
<td>One integrative experiential course:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT-410</td>
<td>New Venture Planning</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

For graduation, students must achieve an overall 2.0 GPA in the major, with no course grade less than "C-".

Finance

The finance program is designed to meet the needs of students who have a variety of career goals. In many types of jobs, it is essential that one understand the process of financial decision making and the environment in which those decisions take place. To provide this understanding, the major combines a solid analytical foundation with broad coverage on how the financial system operates.

Programs of study are structured to benefit students who will enter both finance and nonfinance careers. In addition, many individuals who have decided to pursue advanced professional degrees have found the finance program to be quite valuable. In short, even if you are not certain whether your career will be in a traditional finance specialization, it is quite possible that finance courses will be very useful in your personal and professional life.

There is considerable flexibility in arranging individual programs of study within the major. Students may choose a well-rounded exposure to the many facets of financial decision making. They may select courses in such areas as investment analysis, financial modeling, corporate financial management, banking and financial markets, real estate, insurance, and personal financial planning.

Requirements for the Major*
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group A: Three or four courses from the following list of four:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN-307</td>
<td>Financial Markets and Institutions</td>
<td>3</td>
</tr>
<tr>
<td>FIN-310</td>
<td>Capital Budgeting</td>
<td>3</td>
</tr>
<tr>
<td>FIN-311</td>
<td>Corporate Financing Decisions</td>
<td>3</td>
</tr>
<tr>
<td>FIN-312</td>
<td>Investments</td>
<td>3</td>
</tr>
<tr>
<td>Group B: Two or three finance electives (300–400 level), excluding Finance Internship.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN-307</td>
<td>Financial Markets and Institutions</td>
<td>3</td>
</tr>
<tr>
<td>FIN-308</td>
<td>International Finance</td>
<td></td>
</tr>
<tr>
<td>Investment Analysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN-312</td>
<td>Investments</td>
<td></td>
</tr>
<tr>
<td>FIN-412</td>
<td>Investment Analysis and Portfolio Management</td>
<td></td>
</tr>
<tr>
<td>Casework in Computerized Financial Models</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN-315</td>
<td>Financial Modeling</td>
<td></td>
</tr>
<tr>
<td>Insurance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN-340</td>
<td>Principles of Risk Management</td>
<td></td>
</tr>
</tbody>
</table>

*The sum of credits from Group A and Group B must total 18.

Students must achieve a grade of at least "C-" in each of the major courses with a minimum GPA of 2.0 in the major. The following are recommended to those interested in the career areas specified below:

Corporate Financial Management
FIN-310 Capital Budgeting
FIN-311 Corporate Financing Decisions
FIN-330 Corporate Cash Management

Banking and Financial Markets
FIN-307 Financial Markets and Institutions
FIN-308 International Finance

Investment Analysis
FIN-312 Investments
FIN-412 Investment Analysis and Portfolio Management

Casework in Computerized Financial Models
FIN-315 Financial Modeling

Insurance
FIN-340 Principles of Risk Management

Because the fields are related so closely to finance, majors are encouraged to take advanced courses in accounting, economics and personal computer applications in business. Among the most useful accounting courses are ACC-310 and ACC-311, Accounting Theory and Concepts I and II.

Special Double Major Opportunities

The finance department believes that recognition and credit should be given to the significant amount of finance-related material that is included in the programs for accounting and for actuarial science majors. As a result, students who are finance and accounting double majors or finance and actuarial science double majors can reduce the number of required finance courses from six to five. Details are available from the CBA dean’s office or from the chairperson of the finance department.

Human Resource Management

Human Resource Management (HRM) professionals perform many vital business activities in organizations. As both private and public sector organizations have become more concerned about such issues
as legal compliance and ensuring employee work behaviors are aligned with strategic objectives, the demand for well-trained HRM professionals has increased greatly. Practitioners in HRM are involved in a variety of important, interesting, and challenging activities. They establish and implement policies that affect such organizational functions as recruitment, selection, training and development, performance management, compensation and benefits. Additionally, HRM professionals may be involved with human resource planning, job design and developing and implementing strategy. HRM professionals also take on responsibility for making sure that all aspects of organizational operations are in full compliance with equal employment opportunity legislation and other relevant employment laws. Our HRM major provides a strong foundation for successful careers in all of the above activities.

Requirements for the Major
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT-310</td>
<td>Introduction to Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-312</td>
<td>Introduction to Labor Relations</td>
<td>3</td>
</tr>
<tr>
<td>HRM-313</td>
<td>Legal Aspects of Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-315</td>
<td>Employee Selection and Training</td>
<td>3</td>
</tr>
<tr>
<td>HRM-316</td>
<td>Compensation Administration</td>
<td>3</td>
</tr>
<tr>
<td>MGT-320</td>
<td>Managing Workforce Diversity</td>
<td>3</td>
</tr>
<tr>
<td>MGT-336</td>
<td>Career Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-346</td>
<td>Negotiation</td>
<td>3</td>
</tr>
<tr>
<td>MGT-355</td>
<td>Team Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-363</td>
<td>Management Skills</td>
<td>3</td>
</tr>
<tr>
<td>MGT-375</td>
<td>International Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-441</td>
<td>Selected Topics in Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-490</td>
<td>Independent Research Study</td>
<td>3</td>
</tr>
</tbody>
</table>

An average of “C” or better is required in the 18 semester credit hours required of the human resource management major. Majors are encouraged to take HRM-492 Internship in Human Resource Management as a business or free elective.

Management and Leadership
The manager’s job is an exciting and fast-paced one that requires the ability to make decisions quickly and facilitate the work of others. The management and leadership major gives students the knowledge and skills they need to compete in a rapidly changing global marketplace. Firms of all sizes and in all fields need good managers who know how to motivate subordinates, manage teams, resolve conflicts, and lead by example. Businesses want new employees who can handle themselves as subordinates, supervisors, and team members. Whether students are looking for a position with a medium to large organization or thinking of starting companies of their own, the management and leadership major provides the knowledge and skills they will need to be successful.

Requirements for the Major
(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT-355</td>
<td>Team Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-363</td>
<td>Management Skills</td>
<td>3</td>
</tr>
</tbody>
</table>

Management and Leadership/Human Resource Management Double Major

Requirements for the Double Major
(30 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT-310</td>
<td>Introduction to Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-355</td>
<td>Team Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-363</td>
<td>Management Skills</td>
<td>3</td>
</tr>
<tr>
<td>HRM-312</td>
<td>Introduction to Labor Relations</td>
<td>3</td>
</tr>
<tr>
<td>HRM-313</td>
<td>Legal Aspects of Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-315</td>
<td>Employee Selection and Training</td>
<td>3</td>
</tr>
<tr>
<td>HRM-316</td>
<td>Compensation Administration</td>
<td>3</td>
</tr>
<tr>
<td>MGT-320</td>
<td>Managing Workforce Diversity</td>
<td>3</td>
</tr>
<tr>
<td>MGT-336</td>
<td>Career Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT-346</td>
<td>Negotiation</td>
<td>3</td>
</tr>
<tr>
<td>MGT-441</td>
<td>Selected Topics in Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>HRM-490</td>
<td>Independent Research Study</td>
<td>3</td>
</tr>
</tbody>
</table>

An average grade of “C” or better is required in the 30 semester credit hours that are required for the management and leadership major. Majors are encouraged to take either MGT-491 Internship in Management and Leadership OR HRM-492 Internship in Human Resource Management as a business or free elective.
Marketing

The marketing major prepares students for a broad array of careers in such fields as sales, retailing, promotion, distribution, customer service, marketing research and others. Possible employment opportunities can be found with profit or nonprofit and public or private organizations marketing goods or services to consumers, businesses or other organizations.

Requirements for the Major

(18 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT-366</td>
<td>Marketing Research</td>
<td>3</td>
</tr>
<tr>
<td>MKT-460</td>
<td>Marketing Management Seminar</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Four additional courses from the following list</td>
<td></td>
</tr>
<tr>
<td></td>
<td>are required for the major:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADV-300 Advertising Principles</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ADV-311 Advertising Copy and Layout</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ADV-315 Media Planning and Strategy</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ADV-369 International Advertising</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-305 Social Issues in Marketing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-310 Business to Business Marketing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-320 Consumer Behavior</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-330 International Marketing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-340 Personal Selling</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-350 Retailing Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-360 Services Marketing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-380 Healthcare Marketing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-406 Marketing Research Project</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-440 Sales Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT-469 Selected Topics in Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>


Students interested in marketing research usually choose: MKT-320 Consumer Behavior, 366–Marketing Research, and 406–Marketing Research Project.

For graduation, students must achieve an overall GPA of 2.0 or higher in the major, with no course grade less than “C-”. Majors are encouraged to take additional courses offered by the department of marketing to satisfy business and free elective requirements.

Minor Fields of Study

Business students are permitted to take a minor in one of several fields in liberal arts and science. Students interested in such a program should see the dean of liberal arts, education, and sciences, the chairperson of the appropriate department, or the program director.

The CBA offers the following minors to nonbusiness students: for communication majors only, a minor in advertising; a minor in sales management, a minor in computer information systems and a minor in general business for all nonbusiness majors.

In addition, the CBA offers a minor in health administration (open to all majors—business and nonbusiness); refer to page 30.

Bachelor of Science (B.S.) in Chemistry

The program in chemistry, which is fully accredited by the American Chemical Society, prepares the student to cope with the rapidly increasing amount of chemical knowledge by being concept rather than fact oriented. It does so by laying a firm basis for the theoretical structure of chemistry, which includes atomic and molecular structure, the energetics of chemical processes, the dynamics of chemical reactions, and the strategy of inorganic, organic, and biochemical synthesis.

Through its unique laboratory sequence, the program allows a student to encounter an experimental problem in its entirety, developing synthetic and analytical techniques, as progress is made toward its solution. In the laboratory, chemistry is approached as a unified discipline rather than stressing the differences of inorganic, organic, analytical, and physical chemistry.

The chemistry major is designed for students who wish to pursue advanced study in chemistry, medicine, or dentistry, as well as for those who intend to assume a position of professional responsibility after graduation.

Core Curriculum

(42–45 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>CMP-115</td>
<td>Introduction to Expository Writing</td>
<td>3*</td>
</tr>
<tr>
<td>CMP-120</td>
<td>Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>CMP-125</td>
<td>Research Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Foreign language (select one from French, German,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Spanish):</td>
<td>6</td>
</tr>
</tbody>
</table>

* CMP-115 will be waived for students who attain a 530 or above on the verbal SAT or a specified qualifying score on the English Department Placement Test.

Areas of Knowledge

(A list of courses is available from a CCS advisor.)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Historical Perspective</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Artistic and Intellectual Perspective</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Contemporary Perspective</td>
<td>9</td>
</tr>
</tbody>
</table>

Requirements for the Major

(66 semester hours)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE-120</td>
<td>Principles of Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHE-121</td>
<td>Principles of Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHE-122</td>
<td>Introduction to Chemical Systems</td>
<td>3</td>
</tr>
<tr>
<td>CHE-123</td>
<td>Quantitative Methods Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHE-205</td>
<td>Experimental Chemistry I</td>
<td>2</td>
</tr>
<tr>
<td>CHE-211</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE-213</td>
<td>Organic Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHE-214</td>
<td>Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHE-216</td>
<td>Organic Chemistry II Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHE-301,</td>
<td>Experimental Chemistry</td>
<td>6</td>
</tr>
<tr>
<td>302, 304</td>
<td>II, III, IV</td>
<td></td>
</tr>
</tbody>
</table>
students to examine the liberal arts in the historical perspective. This skills requirement can be met by successfully completing one course in as it evolved historically and surveys the different ways of knowing. Encourages students to examine a variable set of permanent problems opportunity for students to relate the humanistic values of the liberal college-level mathematics or statistics.

Areas of Knowledge

The areas of knowledge provide exposure to four broad areas of knowledge, and students select two or three courses from each of the four areas. At least two disciplines must be represented in the concentration selected and students may propose concentrations of individual study. In meeting the concentration requirements, three disciplines must be represented in the concentration and the program provides an opportunity for students to share common learning experiences and to develop personal plans of study for career advancement, personal growth and graduate study.

Advanced electives

One course from the following list is required for the major: Chemistry majors may elect up to 12 credit hours of Independent Study.

Chemistry majors may elect up to 12 credit hours of Independent Study. In the senior year, chemistry majors are required to take the Chemistry Advanced Test of the Graduate Record Examination. Scores must be submitted to the department chairperson.

Additional electives are also required to make a total of 120 credits.

Bachelor of Arts (B.A.) in Liberal Studies

This degree program enables students, through a variety of learning experiences, to consider life in the contemporary world. The curriculum provides for development of writing, speaking, quantitative, and critical thinking skills and exposes students to bodies of knowledge shared by educated persons. Offered for adult students enrolled in CCS, the program provides an opportunity for students to share common learning experiences and to develop personal plans of study for career advancement, personal growth and graduate study.

The program consists of five major learning areas:

<table>
<thead>
<tr>
<th>Course Area</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberal studies core</td>
<td>6</td>
</tr>
<tr>
<td>Basic</td>
<td>15–16</td>
</tr>
<tr>
<td>Areas of knowledge</td>
<td>33–35</td>
</tr>
<tr>
<td>Concentration</td>
<td>36</td>
</tr>
<tr>
<td>Free electives</td>
<td>28–30</td>
</tr>
</tbody>
</table>

A candidate for graduation must complete a minimum of 120 credits. Of the required 120 credits, 36 must be in upper-level courses, as determined by the respective departments, including three credits from the liberal studies core and 18 from the concentration. A maximum of 30 credits from outside the arts and sciences may be presented for graduation.

Liberal Studies Core

The liberal studies core consists of two courses. The first permits students to examine the liberal arts in the historical perspective. This course considers the structure of knowledge and liberal education as it evolved historically and surveys the different ways of knowing. The second, taken during the final two semesters prior to graduation, encourages students to examine a variable set of permanent problems in humanistic debate and learning, emphasizing the nature of critical thinking. Through a seminar approach, the course provides an opportunity for students to relate the humanistic values of the liberal tradition to the ever-changing society in which they live.

Basic Core

The basic core is designed to assist students in the development of writing, speaking, computing, and quantitative skills. The quantitative skills requirement can be met by successfully completing one course in college-level mathematics or statistics.

Areas of Knowledge

The areas of knowledge provide exposure to four broad areas of knowledge, and students select two or three courses from each of the four areas. At least two disciplines must be represented in each area. No more than three courses from any one discipline may be used to meet the areas of knowledge requirement. Students are urged to consult with their advisors before selecting courses for the areas of knowledge to ensure that courses chosen meet the requirements. The areas include:

The Historical Perspective 9 credits

To comprehend the contemporary world, one must appreciate that it is the result of historical evolution and that this process of change continues today. Our society should not be understood as rigid or absolute but as part of a historical continuum.

The Artistic and Intellectual Perspective 9 credits

This area recognizes that intellectual creativity is an ability that is unique to humans. People, alone, have produced works of art and developed systematic bodies of thought. Thus, to understand people is to know them in this special role.

The Contemporary Perspective 9 credits

To understand daily lives in the modern world, one must understand the dynamics of modern society and the forces that influence the course of living and working in the world.

The Natural World 6–8 credits

This area represents a recognition of the impact of the natural world on life and on human behavior and examines the impact of a technological society on the natural world.

Concentration

The six concentrations are multidisciplinary and acknowledge the personal interests and professional objectives of adult students. In addition, to accommodate needs and interests not served by one of the concentration areas, students may propose concentrations of individual design. These proposals must be approved by the College of Continuing Studies’ Academic Policy Committee and a faculty committee on individual study. In meeting the concentration requirements, three disciplines must be represented in the concentration selected and students
must complete 21 liberal arts and science credits. Further, a minimum of 18 credits must be upper-level courses and upper-level courses must be included in two of the concentration disciplines. Any concentration plan must be approved by a CCS advisor.

**Areas of Concentration**

**Humanities**
American studies (213, 215, 225, 226, 227, 228, 229, 310, 312, 400, 401), English literature and writing, fine arts, foreign languages and literatures, gender studies (300, 310, [see CCS advisor], 313, 315 [see CCS advisor], global and multinational studies (306), law and justice (204, 395, [see CCS advisor]), 405, multicultural studies (220) [see advisor], philosophy, political science (306).

**Social Science**
American studies (211, 212, 250, 304, 305, 311, 338), communication (105, 201, 205, 301, 302, 328, 390, 391, 392, 393), economics, gender studies (100, 200, 310 [see CCS advisor], 311, 312, 315 [see CCS advisor], 350, 400), global and multicultural studies (180, 200, 201, 325), history, law and justice (304, 308, 365, 395 [see CCS advisor]), multicultural studies (110, 200), [see advisor], political science, psychology (except 335, 336), sociology.

**Applied Social Science**
Communication, law and justice (150, 305, 308, 310, 355, 395 [see CCS advisor]), political science (100, 102, 200, 210, 230, 260, 247, 325, 326, 327, 335), psychology (except 335, 336), sociology, social work.

**Applied Social Science Concentration with Business Studies Emphasis**
(18 credits)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO-200</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>ECO-201</td>
<td>Microeconomics</td>
</tr>
</tbody>
</table>

**Course No.**
ACC-210 Introduction to Accounting
MKT-200 Marketing Principles
FIN-300 Introduction to Finance

Additional business electives may be taken in the following disciplines: accounting, business policy and environment, computer information systems, economics (ECO-325, 335, 345, 350, 355), finance, health administration, management and leadership, or marketing. Credits outside the liberal arts and sciences may not exceed 30.

**Applied Social Science Concentration with Health Administration Emphasis**
(18 credits)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTH-205</td>
<td>Introduction to Health Care Sector</td>
</tr>
</tbody>
</table>

**Category I:** choose two courses among the following:
- BIO-206* The Pharmaceutical Industry
- HTH-315 Health Care Law, Ethics and Policy
- HTH-336 Economics of the Health Care Sector
- MKT-380* Health Care Marketing

**Category II:** choose three courses among the following:
- BIO-206* The Pharmaceutical Industry

**Course No.**
CBA-316 Nature’s Business
GMS-325 Global Perspective on Health and Illness
HTH-315* Health Care Law, Ethics and Policy
HTH-336* Economics of the Health Care Sector
HTH-491 Health Administration Internship
MKT-380* Health Care Marketing
PHL-304 Medical Ethics
SOC-205 Families
SOC-346 Health Care and Society
SOC-347 Aging and the Elderly
SOC-350 Social Policy
SOW-200 Social Services and Social Work
ECO-335 Economics of the Public Sector
MGT-310 Intro to Human Resource Management
PSY-220 Abnormal Psychology
PSY-365 Drugs and Human Behavior
PSY-374 Psychology of the Family
PSY-382 Aging, the Brain and Cognition

*These courses may only be used to fulfill the requirements of a single category.

**Global Studies**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. General (3 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMS-180</td>
<td>International Dimensions of an Integrated World</td>
<td></td>
</tr>
<tr>
<td>GMS-200</td>
<td>The Social Construction of Global Society</td>
<td></td>
</tr>
<tr>
<td>GMS-201</td>
<td>The Politics of the Global Economy</td>
<td></td>
</tr>
<tr>
<td>B. Foreign Language and Culture (12 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language (if foreign language is included, must take six credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRE-311</td>
<td>French Culture</td>
<td>6–12</td>
</tr>
<tr>
<td>GER-310</td>
<td>German Culture</td>
<td></td>
</tr>
<tr>
<td>LIT-330</td>
<td>Russian Culture</td>
<td></td>
</tr>
<tr>
<td>PHL-207</td>
<td>Asian Philosophy</td>
<td></td>
</tr>
<tr>
<td>SPA-310</td>
<td>Spanish Culture and Civilization</td>
<td></td>
</tr>
<tr>
<td>SPA-311</td>
<td>Latin American/Latino Culture</td>
<td></td>
</tr>
<tr>
<td>C. Electives (21 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMS-306</td>
<td>Ethnographic Film</td>
<td></td>
</tr>
<tr>
<td>GMS-325</td>
<td>Global Perspectives on Health and Illness</td>
<td></td>
</tr>
</tbody>
</table>

**History**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS-268</td>
<td>History of Ireland</td>
</tr>
<tr>
<td>HIS-275</td>
<td>Italy from the Middle Ages to the Present</td>
</tr>
<tr>
<td>HIS-281</td>
<td>The Modern Middle East</td>
</tr>
<tr>
<td>HIS-282</td>
<td>Colonial Latin America</td>
</tr>
<tr>
<td>HIS-283</td>
<td>Modern Latin America</td>
</tr>
<tr>
<td>HIS-284</td>
<td>Caribbean History</td>
</tr>
<tr>
<td>HIS-285</td>
<td>Traditional China and Japan</td>
</tr>
<tr>
<td>HIS-286</td>
<td>Modern East Asia</td>
</tr>
<tr>
<td>HIS-287</td>
<td>China in Revolution</td>
</tr>
<tr>
<td>Course No.</td>
<td>Course Title</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------------------------------------</td>
</tr>
<tr>
<td>HIS-288</td>
<td>African History</td>
</tr>
<tr>
<td>HIS-289</td>
<td>History of Modern Japan</td>
</tr>
<tr>
<td>HIS-313</td>
<td>Modern European Intellectual History</td>
</tr>
<tr>
<td>HIS-339</td>
<td>Women of East Asia</td>
</tr>
<tr>
<td>HIS-350</td>
<td>20th-Century Europe</td>
</tr>
<tr>
<td>ENG-211</td>
<td>Major British Authors</td>
</tr>
<tr>
<td>ENG-347</td>
<td>20th-Century British Literature</td>
</tr>
<tr>
<td>LIT-250</td>
<td>Masterworks of Western Literature I</td>
</tr>
<tr>
<td>LIT-251</td>
<td>Masterworks of Western Literature II</td>
</tr>
<tr>
<td>LIT-310</td>
<td>Russian Literature from 988 to 1850</td>
</tr>
<tr>
<td>LIT-311</td>
<td>Russian Literature from 1850 to 1917</td>
</tr>
<tr>
<td>LIT-312</td>
<td>20th-Century Russian Literature</td>
</tr>
<tr>
<td>LIT-313</td>
<td>Contemporary Russian Literature</td>
</tr>
<tr>
<td>LIT-315</td>
<td>Tolstoy</td>
</tr>
<tr>
<td>LIT-317</td>
<td>Dostoevsky</td>
</tr>
<tr>
<td>LIT-330</td>
<td>Russian Culture</td>
</tr>
<tr>
<td>LIT-370</td>
<td>European Short Novel</td>
</tr>
<tr>
<td>COM-393</td>
<td>International Communication</td>
</tr>
<tr>
<td>POL-210</td>
<td>Public Opinion</td>
</tr>
<tr>
<td>POL-215</td>
<td>Global Politics</td>
</tr>
<tr>
<td>POL-239</td>
<td>Terrorism, Revolution and Political Violence</td>
</tr>
<tr>
<td>POL-306</td>
<td>Political Film</td>
</tr>
<tr>
<td>POL-307</td>
<td>Political Communication</td>
</tr>
<tr>
<td>POL-315</td>
<td>Global Issues</td>
</tr>
<tr>
<td>POL-320</td>
<td>Politics of the Middle East</td>
</tr>
<tr>
<td>POL-365</td>
<td>Third World Politics</td>
</tr>
<tr>
<td>SOC-341</td>
<td>Developing Societies</td>
</tr>
<tr>
<td>BUS-375</td>
<td>International Business Law</td>
</tr>
<tr>
<td>ECO-305</td>
<td>International Trade and Investment</td>
</tr>
<tr>
<td>ECO-310</td>
<td>Economic Growth and Development</td>
</tr>
<tr>
<td>ECO-315</td>
<td>Comparative Economic Systems</td>
</tr>
<tr>
<td>ECO-365</td>
<td>The Post-Soviet Economy and U.S. Business</td>
</tr>
<tr>
<td>FIN-308</td>
<td>International Finance</td>
</tr>
<tr>
<td>MGT-375</td>
<td>International Management</td>
</tr>
<tr>
<td>MKT-330</td>
<td>International Marketing</td>
</tr>
<tr>
<td>CBA-315</td>
<td>Global Business Study Tour</td>
</tr>
<tr>
<td>IND-210</td>
<td>Global Encounters: A Cultural Experience by Travel</td>
</tr>
<tr>
<td>MUS/THE-312</td>
<td>The Arts Abroad</td>
</tr>
<tr>
<td>POL-245</td>
<td>Cities, Symbols and Political Culture</td>
</tr>
<tr>
<td></td>
<td>Additional foreign language and culture courses from above.</td>
</tr>
</tbody>
</table>

**Law and Justice**

A. Multidisciplinary Approaches to Law, Legal Issues and Institutions (18 credits)

At least six courses must be taken from among the following disciplines. A minimum of three disciplines must be represented.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS-210</td>
<td>Introduction to Law: Contracts</td>
</tr>
<tr>
<td>BUS-211</td>
<td>Commercial Law</td>
</tr>
<tr>
<td>BUS-214</td>
<td>Advanced Business Law</td>
</tr>
<tr>
<td>BUS-300</td>
<td>Social and Legal Environment of Business</td>
</tr>
<tr>
<td>COM-301</td>
<td>Communication Law</td>
</tr>
<tr>
<td>HTH-315</td>
<td>Health Care Law, Ethics and Policy</td>
</tr>
<tr>
<td>HIS-301</td>
<td>Constitutional History</td>
</tr>
<tr>
<td>LAW-140</td>
<td>Introductory Seminar in Law and Justice</td>
</tr>
<tr>
<td>LAW-150</td>
<td>Introduction to Forensics</td>
</tr>
<tr>
<td>LAW-204</td>
<td>Law, Literature and Film in America</td>
</tr>
<tr>
<td>LAW-304</td>
<td>Women and Law</td>
</tr>
<tr>
<td>LAW-305</td>
<td>Trial Advocacy</td>
</tr>
<tr>
<td>LAW-306</td>
<td>Law and Justice Experience</td>
</tr>
<tr>
<td>LAW-307</td>
<td>Criminal Justice Practice</td>
</tr>
<tr>
<td>LAW-308</td>
<td>Conflict and Conflict Resolution</td>
</tr>
<tr>
<td>LAW-310</td>
<td>Cyberspace Law and Policy</td>
</tr>
<tr>
<td>LAW-355</td>
<td>Sports and the Law</td>
</tr>
<tr>
<td>LAW-365</td>
<td>Rights of the Accused</td>
</tr>
<tr>
<td>LAW-395</td>
<td>Special Topics in Law and Justice</td>
</tr>
<tr>
<td>LAW-405</td>
<td>Crime and Justice in the Media</td>
</tr>
<tr>
<td>LAW-410</td>
<td>Law and Justice Internship</td>
</tr>
<tr>
<td>LAW-450</td>
<td>Law and Justice Senior Seminar</td>
</tr>
<tr>
<td>LAW-490</td>
<td>Independent Research and Study</td>
</tr>
<tr>
<td>LAW-491</td>
<td>Law and Justice Internship</td>
</tr>
<tr>
<td>LAW-496</td>
<td>Honors Thesis in Law and Justice</td>
</tr>
</tbody>
</table>

**Management and Human Resources**

HRM-313 | Legal Aspects of Human Resource Management  |

**Philosophy**

PHL-303 | Philosophy of Law  |

**Political Science**

POL-260 | Politics of Law and Order  |
| POL-300 | U.S. Constitutional Law  |
| POL-301 | Civil Liberties in the United States  |
| POL-361 | The Judicial Process  |

**Psychology**

PSY-279 | Psychology and Law  |

**Sociology**

SOC-216 | Youth and Crime  |
| SOC-317 | Law and the Legal Profession  |
| SOC-319 | Criminal Justice and Corrections  |
B. Law Related Courses (12 credits)
Four courses to be selected from among the following disciplines. At least two disciplines must be represented. Students may choose two additional courses from Category A (Multidisciplinary Approaches to Law, Legal Issues, and Institutions) instead of Category B (Law-Related Courses), if they wish.

Course No.  Course Title
Communication
COM-251  Interpersonal Communication
COM-252  Intercultural Communication
COM-302  Communication Ethics
COM-322  Argumentation and Debate
Health Administration
HTH-315  Health Care, Law, Ethics and Policy
Law
LAW-308  Conflict and Conflict Resolution
Management and Human Resources
HRM-305  Introduction to Labor Relations
Philosophy
PHL-115  Ethics
PHL-202  Social Philosophy
PHL-203  Business Ethics
PHL-255  American Ethics
PHL-304  Medical Ethics
PHL-360  Contemporary Ethics
Political Science
POL-235  Race and Ethnicity in American Politics
POL-325  Public Administration
POL-326  Power in American Politics
POL-327  Contemporary Issues in American Public Policy
POL-335  Urban Politics
Psychology
PSY-220  Abnormal Psychology
Sociology
SOC-205  Families
SOC-206  Deviance and Crime
SOC-207  Racial and Ethnic Relations
SOC-308  Cities and Suburbs
SOC-340  Power and Politics
SOC-350  Social Policy
C. Theory/Application (3 credits)
Course No.  Course Title
One of the following:
LAW-305  Trial Advocacy (recommended)
LAW-306  Law and Justice Experience
LAW-307  Criminal Justice Practice
LAW-308  Conflict and Conflict Resolution
LAW-491  Law and Justice Internship (recommended)
One additional course from category A (Multidisciplinary Approaches to Law, Legal Issues and Institutions)

D. Law and Justice Senior Courses (3 Credits)
Course No.  Course Title
One of the following:
LAW-450  Law and Justice Senior Seminar
LAW-496  Honors Thesis in Law and Justice
At least 18 credits overall must be upper level. Additional courses may be needed as prerequisites for courses in the concentration. They may be used to fulfill other requirements in the degree program.

Natural Science
Includes courses in the following disciplines: biochemistry (BCH), biology (BIO), biopsychology (BPY-275), chemistry (CHE), geological, environmental and marine sciences (GEO, ENV, MAR), physics (PHY), psychology (PSY-238, 255, 330, 335, 336, 365, 370, 382).

Natural Science Concentration with Health Administration Emphasis
(18 Credits)
Course No.  Course Title
Required course (3 credits)
HTH-205  Introduction to Health Care Sector
Category I: choose two courses among the following:
BIO-206*  The Pharmaceutical Industry
HTH-315  Health Care Law, Ethics and Policy
HTH-336  Economics of the Health Care Sector
MKT-380  Health Care Marketing
*These courses may only be used to fulfill the requirements of a single category.
Category II: choose three courses among the following:
BIO-100  Life Science: Human Emphasis
BIO-101  Life Science: Cell Biology and Genetics
BIO-106  Life Science: Human Disease
BIO-108  Life Science: Biology of Human Aging
BIO-115  Principles of Biology and Lab (4 credits)
BIO-206*  The Pharmaceutical Industry
BIO-221  Human Anatomy and Physiology and Lab (4 credits)
BPY-107  Life Science: Biopsychology
BPY-275  Behavioral Neuroscience
CHE-115  Chemistry and Contemporary Society
GMS-325  Global Perspective on Health and Illness
HTH-491  Health Administration Internship
PHL-304  Medical Ethics
PSY-220  Abnormal Psychology
PSY-365  Drugs and Human Behavior
PSY-374  Psychology of the Family
PSY-382  Aging, the Brain and Cognition

Free Electives
Free electives credit hours may be taken in any department within the University, subject to the program limit of 30 credits from outside the liberal arts and sciences.
Associate’s Degree Programs

Associate in Arts (A.A.) in Business Administration

This 60-credit program was developed to meet the needs of students for an abbreviated professional curriculum. This curriculum is fully transferable to the bachelor of science in business administration degree program.

**Business Core**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC-210</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACC-220</td>
<td>Managerial Uses of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>MSD-105</td>
<td>Quantitative Methods for Business I</td>
<td>3</td>
</tr>
<tr>
<td>MSD-200, 201</td>
<td>Statistical Methods I, II</td>
<td>6</td>
</tr>
<tr>
<td>ECO-200</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO-201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Nonbusiness Core**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-185</td>
<td>Introduction to Computing</td>
<td>3</td>
</tr>
<tr>
<td>CMP-120</td>
<td>Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>CMP-125</td>
<td>Research Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM-290</td>
<td>Humanities and Strategic Speech</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities electives</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Science electives</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social science electives</td>
<td>6</td>
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<tr>
<td></td>
<td>Liberal arts electives</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Free electives</td>
<td>3</td>
</tr>
</tbody>
</table>

CMP-115 will be waived for students who attain 530 or above on the verbal SAT or a specified qualifying score on the English Department Placement Test.

**Areas of Knowledge**

(A list of possible courses is available from a Continuing Studies advisor)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Historical Perspective</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Artistic and Intellectual Perspective</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Contemporary Perspective</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Natural World</td>
<td>3–4</td>
</tr>
</tbody>
</table>

**Liberal Studies Core**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIB-200</td>
<td>Liberal Arts: Introduction to Liberal Studies</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Emphasis</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Free electives</td>
<td>3–6</td>
</tr>
</tbody>
</table>

CMP-115 will be waived for students who attain 530 or above on the verbal SAT or a specified qualifying score on the English Department Placement Test.

**Electives**

**Business Electives**

Accounting
Business Policy and Environment
Computer Information Systems
Economics
Entrepreneurial Studies
Finance
Health Administration
Human Resource Management
Management and Leadership
Management Sciences
Marketing

**Liberal Arts and Science Electives**

**Humanities**

Fine Arts
English Literature and Writing
Foreign Languages and Literatures
Philosophy

**Natural Sciences**

Biochemistry
Biology
Biopsychology
Chemistry
Geological, Environmental and Marine Sciences

**Mathematics**

Physics
Psychology

**Social Sciences**

American Studies
Communication
Gender Studies
Global and Multinational Studies
History
Law and Justice
Multicultural Studies
Political Science
Sociology
Social Work

**Free Electives**

Free elective hours may be taken in any department, provided the student meets the requirements imposed by the department offering the course.
Bachelor’s Degree Completion Program at Burlington County College

Students may enroll in Rider University’s College of Business Administration and pursue a bachelor of science in business administration while taking courses at Burlington County College’s Mt. Laurel campus. Students may major in business administration or accounting.

Admission Information
To qualify for admission, students must hold an associate’s degree in business or expect to graduate with an associate’s degree in business within one semester of beginning their studies for a bachelor of science in business administration from Rider. Students with transfer credits from other educational institutions may also apply. All applicants must have a cumulative GPA of 2.5. Students not meeting these criteria may contact Rider University’s Office of Transfer Admissions 609-896-5042 to discuss other options. Additional application information may be found at www.rider.edu/bcc.

Post-baccalaureate Premedical, Predental, Preveternitary Studies
Rider University offers students with baccalaureate degrees the opportunity to take the undergraduate science course prerequisites for medical, dental, veterinary or graduate school. The Post-baccalaureate Premedical Studies Program is offered through the College of Continuing Studies.

Applicants must complete a Post-baccalaureate Premedical Studies application form (available at www.rider.edu/ccs), submit official transcripts from all higher education institutions attended, and complete an application to the College of Continuing Studies.

Applicants must meet the following criteria to gain admission to the Post-baccalaureate Premedical Studies Program:
- a baccalaureate degree from an accredited college or university;
- a 3.0 undergraduate GPA.

Applications are reviewed and approved by the College of Continuing Studies and the chair of the Premedical Studies Committee.

Public Relations Certificate Program
The Public Relations Certificate is designed for students who have or are pursuing a baccalaureate degree and wish to specialize in the area of public relations. The 24-credit program includes courses in writing for the media, publication design, speech communication, as well as other areas of public relations. Upon completion of the program, students with a baccalaureate degree receive an official Public Relations Certificate.

Eight required courses 24

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-102</td>
<td>Introduction to News Writing</td>
</tr>
<tr>
<td>COM-104</td>
<td>Speech Communication</td>
</tr>
<tr>
<td>COM-290</td>
<td>Professional and Strategic Speech</td>
</tr>
<tr>
<td>COM-107</td>
<td>Persuasive Writing for the Media</td>
</tr>
<tr>
<td>COM-212</td>
<td>Publication Design</td>
</tr>
</tbody>
</table>

A grade of “C+” or better in each course is required for the certificate. A minimum of six of the required courses must be taken at Rider.

Admission Requirements
Minimum admissions requirements for the public relations certificate are: (1) a baccalaureate degree or be a candidate for a baccalaureate degree (usually at Rider); (2) junior standing or beyond (may take some courses before admission to the program); (3) a 2.5 GPA in all undergraduate work or evidence of acceptable public relations experience. This program is available only to students enrolled in CCS.

Program Completion and Certification
Students will receive their certificates after successfully completing the eight required courses. Students without a baccalaureate degree will receive their certificates after completing the eight required courses and the baccalaureate degree. The notation Public Relations Certificate will appear on the student’s Rider transcript when the certificate is awarded. Students leaving CCS for any other Rider undergraduate program before earning the certificate will not be eligible for the certificate.

Admission to Degree Programs
Students seeking admission to degree programs and students enrolling on a nondegree basis meet different requirements and follow different procedures.

Admission Requirements
Applicants for admission to a degree program who have attended another college must submit an official transcript from each college they attended.

All students applying for a degree program are required to submit a high school transcript unless they have already completed 30 credits at the college level.

A student applying for admission within one year of high school graduation must submit official results of either the Scholastic Aptitude Test (SAT) or American College Test (ACT). The results may be sent directly to Rider by the College Entrance Examination Board or ACT or on an official high school transcript.

A candidate for admission to a degree program must present 16 acceptable units of academic work at the secondary school level (or equivalent), including four units in English and three units of mathematics (algebra, geometry, or algebra II) on the secondary school level or equivalent and the remaining 9 units should be selected from academic areas that include foreign languages, science, mathematics, social science and humanities.

A student who does not meet the above requirements may enroll with permission in CCS as a non-matriculated student to make up deficiencies before applying for admission as a degree candidate.
Students who have earned an equivalency diploma without completing high school should meet with an advisor in CCS.

No admission test is required. However, academic advisors may recommend placement tests in specific subject areas.

Application Procedures
Applications for admission to degree programs, including supporting documents, must be submitted to the office of undergraduate admission, accompanied by a $50 nonrefundable application fee.

Applications should be submitted at least one month before the beginning of the semester in which the applicant wishes to enter as a degree candidate. If an application has not been processed by the beginning of that semester, the applicant may register in CCS as a non-matriculated student without affecting his or her application for admission as a degree candidate.

Students may enter at the beginning of any semester.

International Students
To apply for admission, international students must complete the undergraduate application form along with the international student addendum and submit it along with a $50 (U.S.) application fee to the office of undergraduate admission. Transcripts from all secondary and post-secondary schools attended must be submitted including an English translation and evaluation of courses completed and grades received.

The TOEFL examination is required of all international applicants whose native language is not English.

Students for whom English is their native language must submit scores received from the SAT or ACT examination.

A notarized financial resource statement or notarized bank statement is required to demonstrate the student’s ability to pay the total cost of attendance.

Transfer Students
Qualified applicants will be accepted on transfer from other accredited colleges. Credit toward a degree will be granted for previous work that is applicable to the curriculum to be pursued at Rider, provided it is of at least “C” quality. However, grades from another college will not be counted as part of a student’s grade point average at Rider. Credits that are more than 10 years old are subject to re-evaluation.

Some courses in the business administration curriculum are required at the junior or senior level. If such courses were taken at a lower level, they must be validated before transfer credit can be granted. Methods of validation differ from department to department and from course to course. Typical methods of validation include examination and successful completion of a specified advanced level course. Specific validation procedures should be discussed with a CCS advisor.

A student transferring from an accredited two-year institution may receive up to 60 credits, provided these credits are compatible with Rider degree requirements.

Students transferring from a four-year institution may transfer up to 90 credits (maximum 75 in business).

All transfer students seeking either an associate’s or a bachelor’s degree must complete their last 30 semester hours at Rider. In addition, candi-
Application Procedures for Nondegree Students
Nondegree students who want to enroll in regularly scheduled courses must submit a College of Continuing Studies application to the office of undergraduate admission. A $50 nonrefundable fee must accompany this application if the student is enrolling in CCS for the first time.

Nondegree students enrolling for credit are strongly encouraged to submit transcripts of high school and/or college work to facilitate advising and course planning. Students who already have a bachelor's degree are urged to submit proof of the degree to establish eligibility for upper-level courses.

Students who are degree candidates at other colleges and who want to take upper-level business courses at Rider must submit proof of junior standing. Students planning to transfer Rider credits to a degree program elsewhere should check the acceptability of these credits with their home institutions.

Changing to Degree Candidacy (Matriculation)
Non-matriculated students interested in degree candidacy should consult an academic advisor in CCS before applying for admission to a degree program. An applicant for matriculation must have at least a 2.0 average at Rider and meet the admissions requirements as described for degree candidates. Specific majors may require a higher grade point average.

When students qualify for matriculation, they will receive credit toward their degrees for all applicable courses previously completed satisfactorily at Rider and at other accredited colleges. Students are bound by the degree requirements in effect at the time of matriculation.

Students who have earned more than 21 credits at Rider as nondegree candidates may be asked to explain their educational goals and, if appropriate, to matriculate.

Audit and Alumni Audit
Students who want to attend classes without taking examinations or receiving grades may audit courses when class space allows. Transcripts will record an audit with the notation of "X".

The extent to which an auditor may take part in a course's activities is determined by the student and the instructor. In addition to the audit fee, students auditing a course carrying separate fees must pay all such required fees.

Students who want to enroll as auditors should apply and register in the CCS office during the scheduled evenings of the first week of class. Students who register on an audit basis may not change from audit to credit during a semester. However, a student who has audited a course may take that same course for credit in a later semester at full tuition. Students originally registered for credit may change to audit status during the first two weeks of the fall or spring semesters.

Changing from credit to audit during special sessions will be permitted within time limits proportional to the time limits of a regular semester.

Rider alumni who want to audit courses should contact CCS at 609-896-5033 or ccs@rider.edu.

Credit by Nontraditional Means
Credit earned for college-level knowledge obtained through means other than traditional classroom work at an accredited college may be considered for transfer. Students should consult with a CCS advisor to discuss the transferability of nontraditional credit.

Nontraditional transfer credits include:
- College Level Examination Program (CLEP) credits;
- Advanced Placement credits;
- Formal military credits which meet Rider standards and procedures;
- DANTES Subject Standardized Test which meets credit recommendations established by the American Council on Education;
- Validation or assessment of specific courses approved by a Rider faculty member;
- Prior learning assessment (PLA) based on demonstrated learning acquired through life and work experience approved by Rider faculty.

Old Credits Policy
The academic record of a student returning to Rider after an absence of 10 years or more will be re-evaluated to determine the applicability of old courses to present requirements. Grades earned in courses taken 10 years or more before returning will not be counted in the student's present grade point average. Old courses that are judged applicable to current degree programs will be used to meet degree requirements.

Independent Research and Study
Independent Research and Study are designed for CCS students who wish to conduct projects on either a business or liberal arts topic outside the traditional curriculum, such as interdisciplinary projects, extension of previous work, and topics not covered in regular course offerings. To be eligible for an Independent Research and Study, a student must be a junior or a senior in good academic standing. Students should consult with a CCS advisor for approval. Refer to page 21 for more information Independent Research and Study in business or page 54 for Independent Research and Study in liberal arts.

Tuition and Fees

Part-time Students
CCS students pay a per credit fee of $435 for one through 11 credits and then the comprehensive fee if taking more than 11 credit hours.

Full-time Students
The comprehensive tuition fee covers a normal academic load between 12 and 18 credit hours per semester. Students are charged $435 per credit hour in excess of the 18 credit hours. The comprehensive tuition fee does not include audit and non-credit courses. Any questions should be directed to the bursar's office, 609-896-5020.

Expenses
Typical CCS expenses for the 2008–2009 academic year are estimated as follows:

Tuition for Part-Time Students
- Tuition per credit (up to 11 credits) $435
- Technology fee per course $35
Tuition for Full-time Students
Full-time comprehensive tuition fall and spring semesters $27,140

Other Fees
Application fee $50
Audit fee (credit courses only) $180
Readmission fee for students not attending for the past two calendar years (nonrefundable) $30
I.D. card replacement fee, first replacement $30
I.D. card replacement fee, subsequent replacements $60
Student insurance** (per academic year) $240
Deferred payment fee $25
Late registration fee $50
Late tuition payment $50
Late payment fee deferred plan $25
Enrollment re-instatement fee $100
Dishonored check fee, first time* $30
Dishonored check fee, after first time $50
*Returned checks that have not been redeemed or made good by the due date will be assessed the late registration fee in addition to the dishonored check fee.
**Subject to change based on market quotes.

The fees and charges set forth herein are subject to adjustment at any time. Questions regarding rates and fees should be directed to the bursar's office, 609-896-5020.

Terms of Payment
Tuition, fees, and charges for room and board are due and payable in two installments: August for the fall semester and January for the spring semester. Students should mail their payments to be received by these due dates.

Payments may be made by check, cash, Visa*, MasterCard*, or Discover*, in person, online, or by mail to: Cashier's Office, Rider University, 2083 Lawrenceville Road, Lawrenceville, NJ 08648-3099.

Checks should be made payable to Rider University. International students should make payments in U.S. dollars. The student's name and Bronc ID number should be included on the check.

Students are asked to adhere to the published payment deadlines. Prompt payment of student account balances ensures students keep the classes they selected in advance registration, and their advance housing assignments. Balances unpaid after the deadlines or paid with checks returned by the student's bank will result in courses and housing reservations being cancelled, so please be aware of the deadlines.

Deferred Payment Plan
Students may subscribe to the deferred payment plan that provides for three equal payments for the fall and spring semesters on the following basis:
At registration 1/3
October 15 (Fall) and March 15 (Spring) 1/3
November 15 (Fall) and April 15 (Spring) 1/3

A $25 deferred payment fee will be added to the student’s account payable at registration. Any student who fails to make payment on or before the due dates will be charged a late payment fee of $25. There is no deferred payment plan for summer sessions.

Corporate Deferred Payment Plan or Third-Party Sponsorship
Students who are eligible for company or other third party tuition remission may qualify for our Corporate or Third-Party Sponsorship Agreement. There is a $25 application fee for the plan. A billing authorization or sponsorship letter is required prior to the tuition payment deadline. Upon signing the agreement, tuition payments are deferred until the end of the academic term. Students are responsible to pay any balance not covered by the sponsorship and are obligated to pay Rider University whether or not the student's employer or sponsor pays or reimburses the student. Sponsorship letters may be mailed or brought in person to the bursar’s office, Rider University, 2083 Lawrenceville Road, Lawrenceville, NJ 08648-3099.

Financial Obligations
Students can meet their financial obligations to the University by paying their account balances in full or enrolling in an approved payment plan. Inquiries about account balances and payment options should be directed to the bursar’s office in the Bart Luedeke Center, 609-896-5020.

Students must also be in good financial standing with all organizations with which Rider has declared an official relationship, such as the New Jersey Higher Education Assistance Authority, in order to be officially registered.

Students with unmet obligations are not considered to have valid registrations. They may be prevented from attending classes, receiving transcripts, participating in advance registration for upcoming semesters, and under certain conditions, from graduating.

Liability for tuition costs will not be waived unless the student officially drops or withdraws from the course(s) for which he or she registered (see Refunds).

Refunds
The refund policy applies to tuition and audit fees for regularly scheduled semester-long courses. All other fees are nonrefundable.

Students who wish to withdraw from a course or courses must file the official withdrawal form in the CCS office. A student who fails to withdraw officially waives the right of consideration for any refund. All refunds based upon the official withdrawal date (and not the last class attended) will be made in accordance with the following schedule for the fall and spring semesters:

Prior to the official opening of classes 100%
During the first week of any semester 80%
During the second week of any semester 60%
During the third week of any semester 40%
During the fourth week of any semester 25%

No refunds are made for withdrawals after the fourth week of any semester.

Full-time CCS students who withdraw from courses during the two-week add/drop period, revising their course load to less than 12 credits will be billed at the per credit hour CCS tuition rate. No adjustments will be made for courses dropped after the add/drop period.

Budgetary commitments require strict adherence to the policy regarding refunds. Appeals due to extenuating circumstances should
be directed to the dean of CCS.

Refund policies for summer sessions may be found in the summer session catalog.

Financial Aid

Students in CCS who are degree candidates, may be eligible for financial assistance from federal and other sources. To apply, students must complete the Free Application for Federal Student Aid (FAFSA). Application forms are available in the office of student financial services and from CCS. They are encouraged to consult a CCS advisor for general information or to contact the office of student financial services for specific information, 609-896-5360.

CCS has information available about financial aid resources for adult students. CCS students are welcome to examine this material in the CCS office or ask their academic advisor.

Full-time students should also consult the office of student financial services for information regarding possible sources of financial aid.

College of Continuing Studies Dean’s Scholar’s Award

The College of Continuing Studies Dean’s Scholar’s Award is available to degree-seeking incoming and readmitted students who register for at least six (6) credits during their first semester at Rider University. The award amounts vary and are subject to the available funds. Applications will be reviewed on the first-come, first-served basis. The awards may be renewed to include two consecutive semesters, provided that students who enroll in at least six (6) credits each semester. Applications are available at the CCS office or can be downloaded at www.rider.edu/ccs.

Pell Grants

Students who are degree candidates may be eligible for a Pell Grant. Information may be obtained from the office of student financial services.

Stafford Loans

All states provide student loans, through local banks, to degree candidates who are enrolled for at least six semester hours of credit. Information about such loans may be obtained from the office of student financial services.

Charlotte W. Newcombe Scholarships

The Charlotte W. Newcombe Foundation and Rider University have established a fund to provide scholarships for mature, second-career women. Women, age 25 or older, who have completed at least half of a baccalaureate degree program, are eligible to apply for partial tuition assistance. Applicants may be enrolled part-time or full-time. Application forms are available from CCS and SFS. Scholarships are awarded on the basis of clarity of career goals, financial need and academic record.

Phyllis K. Snyder Memorial Scholarship

This scholarship is for CCS part-time mature female students pursuing a degree in business administration. Women, age 30 or older, raising a family while attending college and maintaining a 2.5 overall GPA are eligible to apply. The scholarship is based on financial need as well as merit.

Transfer Scholarships

Rider offers Transfer Scholarships in the amounts of $2,500 up to $7,500 each for full-time matriculated students transferring to Rider with a qualifying GPA. The scholarship is renewed each year provided the student maintains full-time status with a grade point average of at least 2.5. Contact the office of undergraduate admission for further information.

Opportunities for High School Students

Academically talented 11th- and 12th-grade high school students who are interested in taking college courses and enriching their academic backgrounds may take appropriate courses at Rider University.

To apply, students should submit a special application form (available from the office of undergraduate admission), a high school transcript, and a letter of recommendation from their high school guidance counselor to the office of undergraduate admission. After approval for enrollment, students should contact CCS to determine appropriate courses and enrollment procedures.

Registration

Registration

Registration allows students to select courses for fall, spring, and summer sessions. The schedule of undergraduate day and evening courses to be offered is available on the CCS Web page (www.rider.edu/ccs) prior to registration and should be used for schedule planning. Advisors are available to answer questions concerning courses and scheduling.

Dates for registration can be found in the calendar at the beginning of this chapter or at www.rider.edu/registrar.

Late Registration

Students who have not completed registration (including payment of tuition and fees) during the registration period will be charged a late fee. Registration periods are in the academic calendar on page 86. Students may be charged a late fee during the first week of the schedule change period.

Audit Registration and Alumni Audit Registration

Students or alumni who want to audit a course should consult the calendar on page 86 and register in the CCS office (Bart Luedeke Center, suite 100). Rider alumni may also call the CCS office at 609-896-5033. Audit registration is on a seat availability basis. Open course listings is available at www.rider.edu/registrar.

For University Academic Procedures and Policies, see page 189.

Honors and Awards

Dean’s List

The Dean’s List is prepared at the end of the fall and spring semesters to recognize matriculated students who have earned academic honors. To be eligible for the Dean’s List, a matriculated student must have no
grade lower than “C” and must achieve the grade point average indicated below for the number of credits earned in a given semester.

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<th>Credits</th>
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<td>6–8</td>
<td>3.5</td>
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<tr>
<td>9–11</td>
<td>3.33</td>
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<td>12 or more</td>
<td>3.25</td>
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**Andrew J. Rider Scholars**

Outstanding students are commended for scholastic excellence at Rider’s annual Founder’s Day Convocation honoring Andrew Jackson Rider. These scholars—seniors, juniors and sophomores from each of the educational units: Business Administration, Continuing Studies, Liberal Arts and Sciences, Education, and Westminster Choir College—are selected on the basis of their academic achievement.

**College of Continuing Studies Citation for Achievement**

The College of Continuing Studies presents annual Citations for Achievement in recognition of the special strengths and accomplishments of adult students. Given each spring at the awards day ceremony, the citations are based on such factors as outstanding community service, professional achievement, pursuit of education in the face of unusual difficulties or handicaps, and general overall ability.

**Graduation**

Upon recommendation of the faculty, degree candidates who complete the required program and have at least a 2.0 grade point average may be granted the degree appropriate to their program. In addition, specified grade point requirements for certain majors must be met.

Graduation with distinction depends upon meeting all requirements and attaining a high scholastic average. Baccalaureate degrees with distinction include *cum laude* (3.25–3.49), *magna cum laude* (3.5–3.74), and *summa cum laude* (3.75–4.0).

All graduates are invited to participate in the commencement exercises. At the beginning of each semester, prospective graduates must file with the dean their formal intention to complete the requirements for graduation during that semester. Students are responsible for fulfilling the requirements for graduation and certification.

**Student Services Information**

**Academic Advising**

The College of Continuing Studies has a staff of advisors available to assist students with their academic planning. Upon entering CCS, each student is assigned an advisor who will discuss selection of courses, academic programs, degree requirements and concerns related to academic work. Advisors are available Monday through Friday, 8:30 a.m. to 5 p.m., and Monday and Tuesday evening until 7 p.m., during the fall and spring semesters. Advisors also are available in the evening during the summer months.

Prospective students with questions about Rider University and desiring a transcript evaluation are welcome to make an appointment with an academic advisor. An evaluation of transfer credits can be obtained at no obligation to the prospective student. Advisors are available during regular office hours.

**Disabled Students**

Rider attempts to meet the needs of students with disabilities by providing special services such as locating volunteers or paid assistants/attendants; providing elevator keys; assisting in locating readers for blind students; approving parking permits for the disabled, if needed; providing information counseling; authorizing special scheduling; recommending campus architectural adjustments; and serving as liaison between faculty, staff, students, and counselors.

**Veterans Information**

The degree programs of the College of Continuing Studies are approved under the Veterans Readjustment Benefits Act of 1966, as amended. An Application for Program of Education is available in the CCS office.

Students filing for benefits at Rider will be responsible for filing a copy of their DD 214 (separation papers) with the coordinator. Contact the coordinator at CCS, 609-896-5036 if there are any questions.

Students who are applying for, or who are receiving, VA benefits must matriculate before the completion of 24 credits at Rider. Students who have transferred from another college and have received 30 or more transfer credits should matriculate before they complete, or during the semester that they complete, 15 credits at Rider, in order to be eligible for certification for VA benefits. See the Undergraduate Procedures and Policies chapter of this catalog for specific benefits.

**Office of Graduate Admission**

Rider University offers several graduate degree and graduate-level certificate programs. For graduate admission information, call the office of graduate admission, 609-896-5036.

A Master of Business Administration, a Master of Accountancy and an Executive Master of Business Administration can be pursued through the College of Business Administration. Students pursuing the Master of Business Administration or the Master of Accountancy may choose to concentrate their studies in the areas of entrepreneurial business, finance, global business, healthcare administration, management, computer information systems, or marketing. For College of Business Administration academic assistance and guidance, call 609-896-5127.

The School of Education and department of graduate education, leadership, and counseling offers a Master of Arts in the fields of counseling services; curriculum, instruction, and supervision; educational administration; organizational leadership; reading/language arts, and special education, as well as educational specialist degrees in counseling services and school psychology.

The School of Education also offers numerous graduate-level teaching certifications, early childhood education certification, teacher of the handicapped certification, programs leading to certification as a school supervisor, assistant superintendent for business, director of student personnel services, reading specialist, school psychologist and several more. For School of Education and department of graduate education, leadership, and counseling academic assistance and guidance, call 609-896-5353.
Westminster Choir College

Westminster Choir College of Rider University is a professional college of music located on a 23-acre campus in Princeton, NJ, seven miles north of Rider's Lawrenceville campus. Here, a bachelor of music degree is offered with majors in sacred music, music education, theory/composition, piano, organ performance and voice performance.

Choral music performance lies at the heart of the Westminster program, which involves daily choir rehearsals and required voice study for all its students. Preparation and performance of the choral/orchestral works at times takes precedence over all other facets of campus life. All undergraduates sing in one of the large ensembles: Chapel Choir, Schola Cantorum or Symphonic Choir. Auditioned ensembles include the Westminster Choir, Williamson Voices, Westminster Kantorei, Jubilee Singers, and Concert Bell Choir.

The Symphonic Choir has performed hundreds of times and made many recordings with the principal orchestras of New York, Philadelphia, and Washington. It also has performed in New York with many touring orchestras such as the Atlanta Symphony, Los Angeles Philharmonic, Berlin Philharmonic, and Vienna Philharmonic. Virtually every major conductor of the 20th century, from Toscanini and Walter through Bernstein, Muti, and Masur, has conducted the Symphonic Choir during the 80 years of the college's history.

Full-time students from Rider’s Lawrenceville campus may elect to enroll for one credit of private study in voice or piano on the Westminster campus during the fall and/or spring terms, for which there is no charge. Weekly half-hour private lessons are arranged on the Princeton campus at the mutual convenience of the student and instructor. Qualified Lawrenceville students may audition for organ study, for any of the choirs, or for advanced courses in music for which they meet the prerequisites at Westminster.

More complete information about Westminster programs may be found in its separate catalog or online at http://westminster.rider.edu.
Course Descriptions
Course Descriptions

Students interested in calendar and course offerings for the summer sessions should consult the summer session catalog, available from the College of Continuing Studies.

Unless otherwise noted, courses are offered in the fall and spring semesters. Semester designations following course descriptions apply only to daytime scheduling.

The University reserves the right to cancel any course for which fewer than 10 students are registered.

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Accounting (ACC)

ACC-210
Introduction to Accounting
3 credits
A conceptual introduction to basic accounting principles and financial statements. Consideration is given to accounting for merchandising concerns, current assets, long-term assets, liabilities, and equity accounts. A brief overview of internal control and selected complex accounting topics is also presented.

ACC-220
Managerial Uses of Accounting
3 credits
An exploration of how accounting information can be used as a management tool. Examines cost behavior patterns, cost classifications, and the problem-solving functions of accounting as they pertain to planning, control, evaluation of performance, special decisions, and long-range planning. The interpretation and uses of published financial statements, cash flow, and the effects of inflation are also considered. Prerequisite: ACC-210.

ACC-302
Cost Management
3 credits
An introduction to procedures and systems used to monitor, report and control cost information. Addresses cost determination in various settings to include the new manufacturing environment and the service sector. Topics include cost systems, activity based costing, cost control, variable costing, standard costs, and cost allocation. Prerequisite: ACC-220 and CIS-185.

ACC-310
Accounting Theory and Concepts I
3 credits
The first upper-level course in a comprehensive sequence in financial accounting. The conceptual framework, content, and structure of financial statements, present value concepts, current assets, current liabilities, property, plant, and equipment, intangible assets and non-current liabilities are studied. These topics are discussed in the context of professional standards and fundamental accounting concepts. Prerequisite: ACC-210 and ACC-220.

ACC-311
Accounting Theory and Concepts II
3 credits
A continuation of 310; professional standards and fundamental accounting concepts are stressed. Long-term investments, stockholders’ equity, earnings per share,
interperiod income tax allocation, accounting changes, revenue recognition methods, pension leases and cash flows analysis are also covered. Prerequisite: ACC-310.

**ACC-320 Accounting Information Systems 3 credits**

Explores the needs of the organization to gather, process and report accounting information to interested users. Examines qualities of data for decision usefulness, the importance of internal control and applications of appropriate technology. Prerequisite: ACC-310.

**ACC-325 Fraud Examination and Business Forensics 3 credits**

This course is designed to introduce students to the prevalence of fraud and fraudulent financial reporting in all forms of business, including the many methods used by employees and managers to perpetrate fraud. Topics will include: the motivation of individuals to commit fraud, various types of fraud schemes perpetrated in the workplace, as well as the various tools and techniques that are used to investigate, detect and prevent fraud. Prerequisite: ACC-210.

**ACC-335 Small Business Taxation (For non-accounting majors only) 3 credits**

This course provides an understanding of the key tax issues faced by small businesses and their business implications. It also familiarizes prospective business owners with various tax filing requirements so that they can use the expertise of tax professionals more effectively. Prerequisite: ACC-210.

**ACC-399 Accounting Co-op Experience 3 credits**

The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their accounting and other business classes. It also enhances students’ employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Eligible students include junior and senior accounting majors with a minimum GPA of 3.0 in any accounting coursework. Co-op credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis. Prerequisites: ACC-210, ACC-220, and ACC-310.

**ACC-400 Principles of Auditing and Corporate Governance 3 credits**

The role of the independent certified public accountant in the audit of financial statements is examined. Topics include the audit environment, professional standards, audit methodology, and report preparation. A practice case is used to demonstrate and emphasize specific audit techniques. Prerequisites: ACC-302 and ACC-310.

**ACC-405 Accounting Problems and Practice I 3 credits**

Topics include business combinations and financial reporting requirements for a variety of entities. Disclosure and SEC reporting issues are considered. Prerequisite: ACC-302, 311.

**ACC-406 Accounting Problems and Practice II 3 credits**

Explores special issues in financial reporting, including the linkage between accounting methods and company policy, equity valuation, bond ratings and other decision areas. Serves as an integrative capstone, applying financial statement and data analysis tools to a variety of accounting settings. Prerequisite: ACC-405 or permission of department chair.

**ACC-410 Fundamentals of Federal Taxation 3 credits**

Fundamental tax concepts applicable to individuals, partnerships, corporations, estates, and gifts are considered from a tax compliance and planning perspective. Preparation of individual and corporate tax returns is included. Prerequisite: ACC-310.

**ACC-490 Independent Research and Study 3 credits**

Topic to be approved by professor and department chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.

**ACC-491 Summer Accounting Internship 3 credits**

This honors course provides the student with approximately two months of supervised employment with participating companies. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a term paper that will be reviewed by the department’s internship director. Prerequisite: permission of instructor. Summer.

**ACC-492 Winter Accounting Internship 1 credit**

This honors course provides the student with one month of supervised employment with participating employers. Students are evaluated by the employers and are required to complete a term paper, which will be reviewed by the department’s internship director. Prerequisite: permission of instructor. Pass/fail. Spring.

**Advertising (ADV)**

**ADV-300 Advertising Principles 3 credits**

Basic theory, functions, principles, and applications of advertising are the focus of this course. The relation of advertising to our economy, the advertising department and the ad agency, selection of media, advertising practices, and the use of research to improve advertising techniques are covered. Prerequisite: MKT-200. Required for advertising majors.

**ADV-311 Advertising Copy and Layout 3 credits**

Development and planning of creative and strategic advertisements for a variety of products. The course includes creating concepts for ads, designing ads, and writing copy for all media. The student will become familiar with the activities and responsibilities of copywriters and art directors. The relationship between creative advertising and other functions of advertising will be emphasized. Prerequisites: ADV-300, COM-212, senior standing or permission of instructor. Required for advertising majors.

**ADV-315 Media Planning and Strategy 3 credits**

Procedures and problems encountered in determining appropriate media in which to place specific kinds of advertising messages designed to reach closely defined target audiences. The advantages and disadvantages of all media will be discussed from an advertising perspective. Specific audience and cost calculations and analyses will be used to develop comprehensive media plans. Prerequisites: ADV-300; senior standing or permission of instructor. Required for advertising majors.
ADV-369
International Advertising
3 credits
This course introduces students to the general landscape of international advertising with emphasis on understanding the opportunities and challenges entailed in international advertising management. The course will cover the subject from three aspects, including the international advertising environment, the international advertising industry, and international advertising strategies. Prerequisite: ADV-300 or permission of instructor.

ADV-411
Advanced Advertising Copywriting
3 credits
Advanced Advertising Copywriting is an intensive course in copywriting for print media. It focuses on generating creative ideas through divergent thinking and writing different styles of headlines and body copies. It also explores the relationship between copy styles and benefits/appeals for different product categories. Students will be able to further enhance their skills in creative advertising copywriting and expand individual portfolio for their job search. Prerequisite: ADV-311.

ADV-435
Advertising Campaigns
3 credits
This capstone course for advertising majors provides an opportunity for students to plan comprehensive advertising campaigns. Coverage includes segmentation research, creative development of the campaign, media planning, and determining advertising effectiveness. Integration of advertising into the marketing program will be emphasized. Prerequisites: ADV-311, ADV-315; advertising major or minor, senior standing or permission of instructor. Required for advertising majors.

ADV-490
Independent Research and Study
3 credits
Topic to be approved by the professor and department chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation, which may be counted as a business or free elective.

ADV-491
Internship-Based Independent Study
3 credits
Provides the student an opportunity to supplement and apply classroom work in supervised employment with participating marketing and advertising firms. Requirements include a journal with a log of daily activities, and a project or term paper presented to and evaluated by the internship sponsor. Evaluation will also include a report by the company on the intern's performance. Credits may be used to satisfy business or free elective requirements. Prerequisite: permission of instructor.

American Studies (AMS)

AMS-200
Introduction to American Studies
3 credits
An introduction to various historical definitions of the American experience or national identity, to selected topics which have been used to explain that identity, and to methods of study in the field.

AMS-210
Growing Up American
3 credits
Studies the maturation and socialization process in modern America through comparative analysis of autobiographical texts and students’ personal experiences. Texts represent the experiences of young Americans of both sexes and of different class, racial, ethnic, religious, and regional backgrounds. Spring.

AMS-211
Sports in American Life
3 credits
Literary, sociological, and psychological views of sports in 20th-century American life are examined, focusing on sports as a symbol and reflection of our ideals and tensions.

AMS-212
American Ethnic Groups: Irish, Jewish, and Italian Americans
3 credits
Focusing chiefly on the 19th and 20th centuries, the historical experiences of three major ethnic groups—Irish, Jewish, and Italian Americans—are examined, tracing them from their European origins to the present in the United States. Fall.

AMS-213
The American Myth in Literature, Landscape, and Music
3 credits
A study of the New World and related myths from an interdisciplinary perspective. Students will read essays, fiction, and poetry by Poe, Melville, Emerson, Whitman, James, and others. Paintings and musical works embodying New World concepts will be examined in connection with the above authors.

AMS-214
Special Topics in American Studies
3 credits
Studies in specialized areas of American culture, including travel courses to New Orleans and Spoleto USA. Topics change each semester and are listed in the course roster.

AMS-215
Alfred Hitchcock in America
3 credits
Explores the influence of American culture on the films of Alfred Hitchcock following his immigration to the United States. Students will study one of the cinema’s greatest auteurs through the lens of American culture and its impact on Hitchcock’s European sensibility. Also explores the reverse dynamic: how Hitchcock transformed American cinema.

AMS-225
American Folklore
3 credits
An introduction to folk language, custom, and material culture in the United States. Proverbs; myths, legends, and tales; superstitions; music; arts and crafts are treated from both aesthetic and social perspectives. Students will collect and examine folklore within their own cultural contexts.

AMS-226
The New South in Literature, Music, and Film
3 credits
An exploration of Southern culture since World War II and how it has influenced American society as a whole. In literature, music, and film, the Sun Belt has been a significant, innovative region. From the spread of New Orleans jazz through the plays of Tennessee Williams to the fiction of Flannery O’Connor, Southern art has helped shape the larger American culture; this course examines that influence from an interdisciplinary perspective.

AMS-227
The Philosophy of Martin Luther King, Jr.
3 credits
A study of Martin Luther King, Jr.’s philosophical writings and his impact on the civil rights movement. King’s legacy will be studied in the context of pacifism and nonviolence in America. Readings will include selections from King’s books, articles, speeches, and sermons and critical assessments of the significance of his thought.
AMS-228  
Studies in American Jewish Culture  
3 credits  
Focuses on important fiction, criticism, social/philosophical commentary, history, and films by 20th-century Jewish American intellectuals, including Michael Gold, Anzia Yezierska, Saul Bellow, Bernard Malamud, Philip Roth, Cynthia Ozick, Grace Paley, Rebecca Goldstein, Art Spiegelman, Arthur Hertzberg, Leslie Fiedler, Chaim Potok, Woody Allen, and David Mamet.

AMS-229  
American Popular Culture  
3 credits  
An exploration of American popular culture and its profound impact on both the United States and the rest of the world. Pop-culture theorists regard American culture as a dominant force; this course examines the development of this trend from historical, political, and artistic perspectives.

AMS-250  
America and the Future  
3 credits  
Examines the projections of the American future in terms of the past and present. Emphasizes American studies methodologies, drawing upon philosophical, literary, environmental, and other varieties of futuristic speculations. Fall.

AMS-304  
Technology and Science in America  
3 credits  
An overview of the development and impact of technology and science on American institutions. Topics include innovation, economic growth, science and its relation to technology, social theory, and the politics of science. Spring.

AMS-305  
Religion in America  
3 credits  
Introduces the changing patterns of American development from the sectarianism of colonial America to the pluralism and growing secularism of the 20th-century American religious scene.

AMS-306  
Poetry and Poetics in American Culture  
3 credits  
Examines American poetry and poetics in relation to American culture and history of the 18th through the 21st centuries. Students read poems and statements about poetry, view artworks, hear recordings, and examine hypertext versions of poems.

AMS-310  
The American Identity in the Arts  
3 credits  
Studies the place of the arts and the position of the creative artist in contemporary American society, with particular emphasis on the problems of the artist’s search for an American identity in the complex cultural milieu. Main emphasis is on the analogous positions of poets between 1910 and the present.

AMS-311  
Radicalism in 20th-Century America  
3 credits  
Discusses a number of radical intellectual, literary, and political movements, organizations, and parties from the points of view of their members and leaders, and their historical genesis and development within the context of 20th-century American political life. Spring.

AMS-312  
American Photography  
3 credits  
An intensive analysis of the documentary, aesthetic, and expressive significance of photography in American culture from 1850 to the present. Particular emphasis on the interrelationships between photography and developments in American history, painting, literature, and the social sciences. This course does not deal with the technical aspects of still photography.

AMS-338  
The Social Impact of Rock and Roll  
3 credits  
Explores rock and roll music as a communication medium of American popular culture. The focus is on both how rock and roll music has influenced, and is influenced by, society. It addresses the origins, development and impact of rock music in relation to some of the critical cultural dynamics that provided not only its context, but also much of its content.

AMS-400  
Seminar in American Studies I  
3 credits  
A study of arts and letters in America from the Puritan period through the Civil War. Should be taken junior year if possible. Prerequisite: AMS-200. Spring.

AMS-401  
Seminar in American Studies II  
3 credits  
A study of arts and letters in America from Reconstruction to the present. Should be taken junior year if possible. Prerequisite: AMS-200. Fall.

AMS-490  
Independent Research and Study  
1–4 credits

AMS-491  
Internship in American Studies  
1–4 credits  
A supervised work experience in an approved organization to gain knowledge of various manifestations of American society in workplace settings. Placements can be made in business, government, and non-profit organizations and local grassroots movements that draw on the knowledge acquired in the American studies curriculum.

Baccalaureate Honors (BHP)

BHP-100  
Honors Seminar: Great Ideas I—Freshman Baccalaureate Honors Seminar  
3 credits  
Traces the impact of great ideas on society, politics, economics, science, and the arts. This writing-intensive course substitutes for CMP-120 Expository Writing. Freshmen only. Fall.

BHP-150  
Honors Seminar: Great Ideas II—Freshman Baccalaureate Honors Seminar  
3 credits  
A continuation of Great Ideas I, the introductory Freshman Baccalaureate Honors Seminar. Great ideas are studied in their cultural and historical contexts and from an interdisciplinary perspective, tracing the impact of these ideas on society, politics, economics, science, and the arts. This writing-intensive course substitutes for CMP-125 Research Writing. Student is guided in writing an effective research paper. Freshmen only. Spring.

BHP-201  
Honors Seminar: The Age of Shakespeare—A Study in Cultural History  
3 credits  
Studies the cultural history of Elizabethan and Jacobean England and of its visual and literary arts. More specifically, the course will investigate the peculiarly English synthesis of the old and new, Medieval and Renaissance, Continental and English in the arts and ideas of the Age of Shakespeare.

BHP-206  
Honors Seminar: Politics and Literary Form  
3 credits  
Investigates the relationships between political life and literary form. Students will analyze literary texts in the context of
selected political periods and ideologies, going beyond literary content to understand how language, genre, and structure mirror, otherwise represent, or criticize the political order within which the author writes.

BHP-209
Law and the Arts
3 credits
Fosters analysis of controversial art images from a range of genres (e.g., films, paintings, photographs, music, literature, and sculpture) and asks students to consider connections between the art and political/social/legal issues. Topics will include censorship, propaganda, and intellectual property.

BHP-211
Honors Seminar: Theories of Justice and the American Common Law
3 credits
Examines some of the ‘perennial’ theories of justice, both classical and modern, that have left their mark on the evolution of Western concepts of justice. Among these will be the conservative tradition, the ‘natural rights’ tradition, Utilitarianism, and the philosophy of distributive justice (John Rawls). The practical implications of such theories and the two-way traffic between them and social realities will be explored through their application by the American courts. In addition to actual cases, students will participate in the adjudication of theoretical cases, both fictional and taken from contemporary realities.

BHP-213
Honors Seminar: Text and Context
3 credits
Studies the major themes of a period of cultural change as they are expressed in important social, scientific, literary, and artistic works. Students will immerse themselves in a single major literary work and will interpret it in light of a number of coordinates and works from the social sciences, from contemporary comment, and from the arts.

BHP-223
Honors Seminar: Literature of the Fantastic in England and the Americas
3 credits
Explores the literature of the fantastic in England and the Americas, with an emphasis on ghost stories, horror fiction, and dark fantasy from the Gothic period to the present. Specifically, the course will address the distinctive atmosphere, cultural influences, and narrative strategies of spectral fiction as practiced by English, American, and Latin American authors.

BHP-226
Honors Seminar: Moments of Vision—The Painter or the Poet
3 credits
Investigates the intellectual and aesthetic processes of painting and poetry. Major themes include Horace's famous simile “Ut Pictura Poesis”—as is painting, so is poetry—and Aristotle's contention (in The Poetics) that human nature in action, the movements of the body that express the affection and passion of the soul, are the spirit and life of painting and poetry.

BHP-230
Honors Seminar: Political Culture of the High-Tech Society—From the Authentic to the Synthetic
3 credits
Explores social, political, and cultural transformations associated with the radical extension of cybernetic and reproductive technologies in modern society. In particular the course will focus on the impact of new so-called high technologies such as computer-based communications, robotics, and biotechnology on such areas as the structure of the world economy, the organization of work, patterns of consumption, styles of popular culture, the design of private and public space, and the liberal-democratic political process.

BHP-231
Honors Seminar: Natural Adventures—Journeys in American Ecology and History
3 credits
Examines the linkages between environmental history, biology, and ecology. Human attitudes toward the natural environment are complex and have changed overtime, ranging from terror to exaltation from exploitation to preservation. Focus will be on the impact of changes in human land use and technology on natural ecosystems, exploring feedbacks between the two. Hands-on experiences will supplement readings from the primary literature both in science and history as well as literary explorations of nature. This course is designed for students fascinated by the landscape of the U.S. and the environmental impact of human actions.

BHP-232
Honors Seminar: Issues at the New Jersey Shoreline—Science and Politics
3 credits
Designed to acquaint the student with the scientific basis for evaluation of coastal problems and the political realities of funding and policy, focusing on the New Jersey Shoreline. Course topics will include consideration of waste disposal in ocean systems, depletion of ocean resources, physical and biological ramifications of human activities on the environment, and the political problems in dealing with mitigation of environmental stresses.

BHP-250
Honors Program Travel-Study Course
1 credit
Provides students with an exposure to and insight into other cultures. Consists of both travel and study components. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, business, economic, political, and aesthetic cultural components appropriate to the location(s) visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings, i.e., May of the freshman year. No foreign language skills are required. Limited to qualified freshman Honors students.

BHP-300
Honors Seminar: Cultural Politics—Cinema, Spectacle, Literature
3 credits
Seeks to identify the ways in which modernist and postmodernist film and literature have supported and deconstructed (unveiled and undermined) socio-economic and sexual power. Using critical tools derived from American, European, and Latin American political, cultural, literary, and feminist theory, the course will analyze the ideological contents and accompanying formal strategies which structure the works of such filmmakers as Buñuel, Godard, Fellini, Marlene Gorris, and Fassbinder, and of such writers as García Lorca, Borges, Boll, García Marquez, and Monique Wittig.

BHP-303
Honors Seminar: The Politics and Philosophy of the Sixties
3 credits
Examines three major American political movements of the 1960s—the black movement, the student movement, and the feminist movement—with an emphasis on the interactions among philosophy, politics, and culture. These themes are studied using original sources including theoretical writings by the movements’ main proponents and texts describing particular events and developments in political and social history. Source materials may also include documentary films and recordings which represent the cultural assumptions of the period.
BHP-304
Honors Seminar: Europe’s Armageddon—The First World War in History and Literature
3 credits
Investigates the history and literature of World War I in order to understand how it shaped the civilization of the 20th century and how it affected the lives of those who experienced it.

BHP-307
Honors Seminar: The Presence of Mind—Human Creativity and Artificial Intelligence
3 credits
What is Artificial Intelligence (AI)? In what ways can computers “think”? How is their “thinking” similar to and different from that of humans? Through readings, lectures, discussions, and creative projects, students will investigate evidence of intelligence in various disciplines including music composition, art, and human and non-human systems. We will examine predictions for AI that date back to the 1930s and ponder likely developments in this area in the 21st century. No prior experience with computers or music is required.

BHP-309
Honors Seminar: Genetic Engineering and the Philosophy of Science
3 credits
Integrates the basics of molecular biology with the philosophy of science. Students will explore the nature of the relationships among atoms, molecules, DNA, proteins, cells, and genetic engineering. Molecular biology will be used as the content to explore such philosophical questions as: What is the nature of scientific methodology? What is the nature of scientific observation and explanation? What is the nature of scientific laws and theories? Students will also discuss the scientific and ethical implications of genetic engineering.

BHP-310
Honors Seminar: European Historical Fiction in the 19th Century
3 credits
Involves reading major European historical novels of the 19th century. Students will discuss why the vogue for historical fiction began and why the novels of Sir Walter Scott had such a tremendous impact on the genre. Examined will be such questions as the definition of historical fiction, the importance of historical accuracy, the relationship of literature and history, and the influence of historical differences in the development of historical fiction in different countries.

BHP-312
Honors Seminar: Musical Expression and Political Culture
3 credits
Examines the relationships between political culture (e.g., enlightened reform, revolution, or reaction) and musical discourse in periods selected from Viennese classicism, Biedermeier/romanticism, post-romanticism and expressionism. Major emphasis will be placed upon how composers such as Mozart, Beethoven, Schubert, Mahler, and Schoenberg exploited and developed musical forms, and chose and set texts to respond to the imperatives of their political and cultural environments.

BHP-314
Honors Seminar: Symbolism and Impressionism
3 credits
Examines Symbolist literature and Impressionist music. Students will come to understand some interrelationships between literary and musical creativity in the late 19th and 20th centuries by studying the Symbolist literature movement in music history—two movements that had significant impact on Modernism and that continue to influence contemporary creative work.

BHP-315
Honors Seminar: 20th-Century European Ideologies
3 credits
Covers the origins and development of 20th-century European ideologies in a comparative perspective. Topics include the condition of European political culture at the turn of both centuries (i.e., 1900 and 2000), methods of spreading Nationalism and national culture, the First World War and the emergence of Fascism and Communism, the origins and consequences of the Cold War, the development and fate of the Socialist and Capitalist systems, and the ideology of Conservatism/Liberalism. We will also reflect upon the condition of European political culture in our day.

BHP-318
Honors Seminar: The Bible as Literature and Philosophy
3 credits
Discusses selections from the three major divisions of the Bible: the Old Testament, the New Testament, and the Apocrypha. Stories such as Joseph and his brothers, Exodus, Samson and Delilah, Jonah and the Whale, Susannah and the Elders, the raising of Lazarus, and the trial and execution of Jesus will be read. Students will study many genres, including the short story (The Book of Ruth), poetry (Psalms), history (1 and II Samuel), apocalypse (Revelations), letters (I and II Corinthians), and philosophical tales (The Book of Job).

BHP-319
Honors Seminar: The Arts of Memory
3 credits
Collective memory, cultural memory, computer memory, crises of memory; explores different ideas about memory through a variety of disciplinary lenses within the humanities, including film, music, rhetoric, literature, history, and fine art. Topics will include the nature of group and cultural memory, mnemotechnica (the structures and techniques of memory), the representation of memory, memory anomalies and problems, and historical and national memory.

BHP-320
Honors Seminar: Gender and Music
3 credits
Through listening and reading assignments, introduces students to the role of gender in shaping the creation, performance, and reception of Western music. Topics include canon formation and the reception history of works by male and female composers; the historical conditions in which women became composers, performers, listeners, and patrons; the musical representations of gender difference and sexuality; definitions of feminine and masculine musical style; ideologies of genius; and gender issues in music aesthetics, music historiography, and in the biographies of composers.

BHP-322
Honors Seminar: The Guilty and the Innocent—Assessing Blame and Assigning Punishment in Literature and Law
3 credits
Through the study of social theory and research, legal cases, fiction, non-fiction, film and poetry, this course examines theories of criminal motivation and behavior, determination of blame, and assignment of appropriate punishment. Topics include changes in legal and cultural understandings of individual and social responsibility for criminality; the nature, purpose, and effects of punishment; and the impact of race, class and gender on defining crime and determining guilt or innocence.

BHP-499
Baccalaureate Honors Thesis
3 credits
Note: Single discipline honors courses that fulfill BHP requirements are identified in the course roster.
Biochemistry (BCH)

BCH-325  
Biochemistry I  
3 credits  
Outlines the chemistry and biological function of carbohydrates, proteins, lipids, nucleic acids, vitamins, and enzymes, and introduces enzyme kinetics and biological energetics. Degradative metabolic pathways of carbohydrates and lipids, and their controlled interrelationships are discussed in detail. Prerequisite: BCH-325 or permission of instructor.

BCH-326  
Methods in Biochemistry and Enzymology I Laboratory  
1 credit  
The laboratory work illustrates techniques and methods essential to the biochemist. Methods for quantification of proteins, purification of enzymes and determination of their kinetic parameters, polarimetry, and structure proof of carbohydrates. The lab must be taken concurrently with Biochemistry 325 by biochemistry and biology majors, but is optional for others. Prerequisites: CHE-123, CHE-214. Fall.

BCH-330  
Advanced Cellular and Molecular Biology  
3 credits  
Continuation of Biochemistry I. Includes anabolic processes involved in amino acid, nucleotide, and steroid biosynthesis. Other topics include a molecular-level analysis of DNA replication, transcription, translation, hormone action, pro-karyotic, and eukaryotic gene regulation. Prerequisite: BCH-325 or permission of instructor. Spring.

BCH-331  
Advanced Cellular and Molecular Biology Lab  
1 credit  
A hands-on laboratory investigation designed to expose the student to cutting-edge techniques in molecular biology. Students will investigate gene expression in various organisms using the polymerase chain reaction (PCR), gene cloning and sequencing, Northern and Southern blot analysis and in situ hybridization techniques. Prerequisites: BCH-326, BIO-265 or permission of instructor. Spring.

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

BCH-490  
Independent Research and Study  
1–4 credits  
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurement, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting. Prerequisite: CHE-214. Fall.

BCH-491  
Internship in Biochemistry  
1–4 credits  
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student’s progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the students’ overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester. Prerequisite: 2.5 GPA and permission of the instructor.

Biology (BIO)

BIO-100  
Life Science: Human Emphasis  
3 credits  
An examination of mammalian physiology and development at the cellular and organ system level, with emphasis on physiological homeostasis in man. Three hours of lecture per week.

BIO-101  
Life Science: Cell Biology and Genetics Emphasis  
3 credits  
An examination of cell biology and genetics, with emphasis on the impact of these fields on human affairs. Three hours of lecture per week.

BIO-103  
Life Science: Ecobotanical Emphasis  
3 credits  
Plant biology with emphasis on ecological interactions and economic uses. Three hours of lecture per week.

BIO-106  
Life Science: Human Disease Emphasis  
3 credits  
An introduction to molecular, cellular, and human biology with emphasis upon diseases and disorders caused by mutation, bacteria, viruses, or parasites. The biology of human aging is also discussed. Three hours of lecture per week.

BIO-108  
Life Science: The Biology of Human Aging  
3 credits  
An introduction to the biology of aging manifest in the cells, tissues, and organs of animals and humans. Three hours of lecture per week.

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

BIO-115  
Principles of Biology: Evolution, Diversity, and Biology of Animals  
4 credits  
An introductory biology course focusing on animal form and function. Evolution, genetics, physiology and ecology are emphasized. Three hours of lecture and one three-hour lab per week.

BIO-116  
Principles of Biology: Evolution, Diversity, and Biology of Plants  
4 credits  
An introductory biology course focusing on plant form and function. Evolution, genetics, physiology and ecology are emphasized. Three hours of lecture and one three-hour lab per week.
BIO-117 Principles of Biology: Evolution, Diversity, and Biology of Cells
4 credits
An introductory biology course focusing on basic cell biology. Cell diversity and function, genetics and biotechnology are emphasized. Three hours of lecture and one three-hour lab per week.

BIO-206 The Pharmaceutical Industry
3 credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnosis, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major. Prerequisite: BIO-100 or BIO-101 or BIO-106 or BIO-108 or BPY-107 or CHE-115.

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

BIO-221 Human Anatomy and Physiology I
4 credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. The course material is sequential: BIO-221 must be successfully completed before admission to BIO-222. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite: BIO-115.

BIO-222 Human Anatomy and Physiology II
4 credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisites: BIO-221 and CHE-120, CHE-121, CHE-122, CHE-123 recommended.

BIO-265 Genetics
4 credits
An examination of transmission, cytological, molecular, developmental, quantitative, and population genetics. Emphasis will be placed on genetic analysis. Laboratory investigations will include Mendelian, cytogenetic, and molecular analyses of a variety of model systems (Drosophila, ascomycetes, E. coli, plants, humans). Three hours of lecture and one three-hour lab per week. Prerequisites: BIO-221 and CHE-120, CHE-121, CHE-122, CHE-123 recommended.

BIO-272 Introduction to Marine Biology
3 credits
Introduces students to the study of marine environments, emphasizing the diversity, ecology, and physiology of marine animals, algae, and plants. Aspects of the human impact on marine environments are also discussed. Prerequisites: BIO-115, BIO-116 recommended.

BIO-272L Marine Biology Laboratory
1 credit
Exercises reinforce principles of marine biology through examination of organisms, dissections, field trips, aquarium maintenance, and the collection and analysis of data from coastal marine environments. Some full-day field trips (usually on a weekend) are required. Prerequisite: current or prior enrollment in BIO-272.

BIO-300 Developmental Biology
4 credits
Lectures and laboratories explore molecular, cellular, and genetic mechanisms of animal development. Aspects of gametogenesis, fertilization, induction, cytoplasmic determinants, morphogenetic movements, differentiation and developmental evolution are discussed. Three hours of lecture and one three-hour lab per week. Prerequisites: BIO-115, BIO-116 or BPY-118, BIO-117.

BIO-305 Vertebrate Physiology
4 credits
Study of the principles and mechanisms of mammalian physiology. Topics include the nervous system, muscle physiology, cardiovascular physiology, respiration, gastrointestinal activity, renal function, and endocrine physiology. Lectures and laboratory exercises emphasize homeostatic mechanisms and organ-system interactions. Three hours of lecture and one three-hour lab per week. Prerequisites: BIO-115, BIO-116 or BPY-118, BIO-117.

BIO-315 Medical Microbiology
4 credits
Biological and microbial aspects of medical interest with emphasis placed on diversity and host-pathogen interaction. Current research literature will be covered and presented by students. Methods of microbial identification are introduced in the laboratory and applied in the identification of mock clinical isolates. Three hours of lecture and one three-hour lab per week. Prerequisites: BIO-115, BIO-116 or BPY-118, BIO-117. Spring of alternate years.

BIO-321 Environmental Microbiology
4 credits
An introduction to the discipline of microbiology, with an emphasis on the biology of prokaryotes found in all the natural realms of our environment, including the oceans, soil, atmosphere, and extreme habitats. Emphasis will be placed on microbial diversity, fundamental microbial processes, and the continual interaction between microbes and the natural environment. Classical and modern methods of identification are introduced in the laboratory. Three hours of lecture and one three-hour lab per week. Some field trips are required. Prerequisites: two semesters of BIO-115, BIO-116, BIO-117, and BIO-265.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-335</td>
<td>Modern Plant Biology</td>
<td>4</td>
<td>Biology of seed plants, including growth, development, and reproduction of flowering plants. Emphasis is placed on acclimation and adaptations demonstrating environmental influences on plant structure and function. Current literature involving molecular mechanisms of control will be discussed. Three hours of lecture and one three-hour lab per week. One Saturday field trip. Prerequisites: BIO-115, BIO-116, CHE-122.</td>
</tr>
<tr>
<td>BIO-350</td>
<td>General Ecology</td>
<td>4</td>
<td>An investigation of the processes that regulate the distribution of plants and animals throughout the biosphere. Relationships among species and their interactions with the environment are stressed. Quantitative analyses of experimental results and current research in basic and applied ecology are discussed. Laboratory activities explore conceptual models using both field activities and computer simulations. Three hours of lecture and one three-hour lab per week. One Saturday field trip (laboratory time will be adjusted accordingly). Prerequisites: BIO-115 and BIO-116 or BPY-118.</td>
</tr>
<tr>
<td>BIO-370</td>
<td>Immunology</td>
<td>4</td>
<td>An introduction to the cells and molecules of the immune system with emphasis on recent advances. Topics include AIDS, autoimmunity, transplantation, and cancer. Readings from current journals will be discussed and presented by students. The laboratory will introduce current research techniques and then apply these to a research problem with critical analyses of the data generated. Three hours of lecture and one three-hour lab per week. Prerequisites: BIO-115, BIO-116 or BPY-118, BIO-117. Spring of alternate years.</td>
</tr>
<tr>
<td>BIO-372</td>
<td>Behavior of Marine Organisms: An Evolutionary Approach</td>
<td>4</td>
<td>An examination of the underlying mechanisms and evolutionary causes of behavior, including habitat use, feeding, and mate choice, particularly in marine organisms. The laboratory will involve collecting, analyzing and interpreting field data and performing experiments in the lab using a variety of marine organisms including fish and crabs. Three hours of lecture and one three-hour lab per week. Some full-day field trips (usually on a weekend) are required. Prerequisites: BIO-115, BIO-116 or BPY-118.</td>
</tr>
<tr>
<td>BIO-400</td>
<td>Seminar in Cellular and Molecular Biology</td>
<td>3</td>
<td>Critical analysis of the scientific literature pertaining to current topics in cell and molecular biology. Topics may include: genomics, regulation of gene expression, development, and molecular processes of disease. Three hours of lecture per week. Prerequisites: BIO-115, BIO-116 or BPY-118, BIO-117, junior standing, and permission of instructor.</td>
</tr>
<tr>
<td>BIO-416</td>
<td>Bioinformatics</td>
<td>3</td>
<td>A comprehensive overview of relevant computer-based technologies used in genome research, DNA sequence analysis, and evolutionary biology. Will focus extensively on Internet resources and predictive algorithm usage for determining evolutionary relationships of organisms based on molecular evidence. Lectures will focus on terms and concepts frequently used in genomic and bioinformatic research, while computer labs will allow students to perform hands-on projects with actual DNA sequence data. Prerequisites: BIO-117, BIO-265 recommended.</td>
</tr>
<tr>
<td>BIO-420</td>
<td>Seminar in Organismal Biology</td>
<td>3</td>
<td>Critical analysis of the scientific literature pertaining to current topics in physiology and organismal biology. Topics may include hormonal control of behavior, immune pathogen interactions, and other aspects of whole animal and/or plant biology. Three hours of lecture per week. Prerequisites: BIO-115, BIO-116 or BPY-118, BIO-117, junior standing, and permission of instructor.</td>
</tr>
<tr>
<td>BIO-450</td>
<td>Seminar in Ecology and Evolution</td>
<td>3</td>
<td>Critical analysis of the scientific literature pertaining to current topics in ecology and evolutionary biology. Ecology and evolution of terrestrial and aquatic systems may include scales of adaptation, mechanisms, or human impacts. Three hours of lecture per week. Prerequisites: BIO-115, BIO-116 or BPY-118, BIO-117, junior standing, and permission of instructor.</td>
</tr>
<tr>
<td>BIO-490</td>
<td>Independent Research and Study</td>
<td>1–4</td>
<td>Credits per semester</td>
</tr>
<tr>
<td>BIO-491</td>
<td>Internship in Biology</td>
<td>1–4</td>
<td>A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and should include keeping a journal of activities, a term paper or project report and a poster presentation. Prerequisite: 2.5 GPA and permission of the instructor.</td>
</tr>
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</table>

**Biopsychology (BPY)**

**BPY-107 Life Science: Biopsychology Emphasis**

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>3</td>
<td>An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases.</td>
</tr>
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</table>

**BPY-118 Behavioral Neuroscience**

<table>
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<tr>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>4</td>
<td>An introductory course including basic neuroanatomy and neurophysiology of movement, ingestive, reproductive, emotional, and learning behaviors. Emphasis is on the structure/function relationships that allow animals to make appropriate physiological and behavioral responses to the environment. Three hours of lecture and one three-hour lab per week. Prerequisite: BIO-115.</td>
</tr>
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**BPY-310 Neurobiology**

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<thead>
<tr>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>4</td>
<td>A lecture-laboratory course investigating the structure and function of the nervous system. Lecture topics include organization of the nervous system, neuroanatomy, neurophysiology, neurochemistry, physiology of sensory systems, biological aspects of nervous system diseases, and behavior. Laboratory exercises include study of anatomy of the nervous system, nerve cell recording, modern neuroanatomical techniques, and the neural basis of animal behavior. Three hours of lecture and one three-hour lab per week. Prerequisites: BIO-115, BIO-116 or BPY-118, BIO-117.</td>
</tr>
</tbody>
</table>
BPY-360  Neurochemistry  
4 credits
Examines the fundamentals of neurochemistry, including the neuroanatomical distribution, pharmacology, and functions of neurotransmitters; signal transduction pathways; behavioral and physiological effects of chemicals; and animal communication models for the study of drug action. Three hours of lecture and one three-hour lab per week. Prerequisites: BIO-115, BIO-117, CHE-122, CHE-123.

BPY-375  Neuroethology: The Neural Circuits of Behavior  
4 credits
Neuroethology is the study of the neural and physiological basis of animal behavior. This course focuses on the specific behavioral problems faced by animals in their natural habitats, and the ways in which their nervous systems solve these problems. The mechanisms that underlie complex behaviors such as spatial orientation and navigation, escape mechanisms, and animal communication will be examined, as well as the extraordinary sensory adaptation of organisms to their environments (e.g., echolocation, electroreception, and magnetic reception). The neural control of motor programs and temporally-patterned behaviors will be studied in simpler neuronal systems. Finally, recent cellular and molecular approaches to the study of behavior will be addressed. Three hours of lecture and one three-hour lab per week. Prerequisites: BIO-115, BIO-117.

BPY-415  Seminar in Biopsychology  
3 credits
Critical analysis of the scientific literature pertaining to current topics in biopsychology. Topics include mechanisms through which the brain influences physiology and behavior and the integration of nervous and endocrine systems. Three hours of lecture per week. Prerequisites: BIO-115, BIO-116 or BPY-118, BIO-117, junior standing and permission of instructor.

BPY-490  Independent Research and Study  
1–4 credits

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

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

BUS-211  Commercial Law  
3 credits
The law as related to the sale of goods, commercial paper, and secured transactions as promulgated by the Uniform Commercial Code is considered in depth. Warranties, guarantees, remedies, and product liability are explored. The laws of bankruptcy and insurance are also considered. Prerequisite: BUS-210.

BUS-214  Advanced Business Law  
3 credits
This course provides students with an introduction to the fundamentals of individual and organizational forms of doing business. The laws governing agency, partnerships, corporations, and the purchase and sale of securities will be explored. The legal consequences of the relationships, and the rights and duties of the parties and entities will be discussed, as will the rules of law governing real, personal, and intellectual property, including the transfer of title to real property, the various types of bailments, the landlord-tenant relationship, and the laws concerning wills, trusts, and estates. The concerns of businesses that compete in the global environment through the study of international law will also be discussed. Prerequisite: BUS-210. (This course replaces the property (BUS-213) and business associations (BUS-212) courses. You may not take this course if you have taken either of these courses.)

BUS-300  Social and Legal Environment of Business  
3 credits
The strategies by which organizations in the private as well as the public sectors interact with, adapt to, and attempt to influence their external environments are explored. The primary emphasis is on evaluating the effect of business and governmental decisions on the quality of life. The role of regulatory agencies and the impact of local and national legislation on organizational behavior are considered. Prerequisite: 54 credits.

BUS-315  Health Care Law, Ethics, and Policy  
3 credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Prerequisite: 54 credits.

Note: This course is cross-listed as HTH-315. Students may not get credit for both BUS-315 and HTH-315. For business students who take the course as BUS-315, the course will count as a business course. If taken as HTH-315, the business student will receive credit as a liberal arts course.

BUS-375  International Business Law  
3 credits
This course considers the impact of international organizations and treaties such as those with the WTO, EU, NAFTA, and UN on global business. It examines the various methods of international dispute resolution. Important legal and ethical issues related to conducting business overseas are discussed including the topics of labor and employment rights, environmental law, and intellectual property. Prerequisite: 54 credits.
BUS-400 Strategic Management and Policy  
3 credits  
This capstone course for seniors in business administration provides a framework for problem identification, analysis, and decision making within the organization. Students are given the opportunity to integrate and apply previously acquired knowledge of accounting, decision sciences, economics, finance, marketing, management, and statistics. Case studies, critical incidents, and other appropriate techniques are utilized. Prerequisites: (84 credits), CIS-185, ACC-210, ACC-220, MKT-200, MGT-201, FIN-300, MSD-340, BUS-300, CIS-485.

BUS-444 Selected Topics in Business Policy and Environment  
3 credits  
The study of a selected topic of contemporary interest related to one or more of the following: strategic management, business law, business ethics, social responsibility, legal environment of business. Readings, research, lectures, discussions, and other methods will be used. Prerequisites to be determined by instructor.

BUS-490 Independent Research and Study  
3 credits  

BUS-491 Business Administration Internship  
3 credits  
An internship course with a business firm or government agency that provides the student an opportunity to apply classroom work in a supervised employment setting. Requirements include a journal of activities, oral or written reports to the internship director, and a final paper presented to and evaluated by the internship director. Evaluation will also include a report by the company/agency on the intern’s performance. Prerequisite: permission of instructor and junior standing.

BUS-492 Global Business Internship  
3 credits  
An internship course with a business firm, government or international agency that provides the student an opportunity to apply classroom work in practical international operations of supervised employment. Requirements include a log of activities, oral or written reports to the internship director, and a final paper presented to and evaluated by the internship director. Evaluation will also include a report by the company/agency on the intern’s performance. Credits may be used as business or free electives and may be counted toward the international business major concentration. Prerequisite: permission of instructor.

CBA-110 Introduction to Business (Elective)  
3 credits  
An introductory course emphasizing the global economy and the integration of functional areas of business that link strategy and business success. Critical issues such as ethics and technology will be covered along with an emphasis on leadership and communicative skills. A variety of supplemental teaching tools/approaches including videos, guest speakers, team projects, and The Wall Street Journal will be used throughout the course. Restricted to freshmen.

CBA-220 Service Learning through Minding Our Business  
3 credits  
A community service mentoring project designed to promote leadership, teamwork, and entrepreneurship among Trenton youth through a school-based team mentoring model. Students will undergo intensive training in leadership skills, communication skills, team building skills, cultural diversity, small business entrepreneurship, and problems of early adolescent development prior to their fieldwork experience. Students will form teams to mentor groups of students at a Trenton middle-school in the creation and management of their own microbusinesses. Student journals, quizzes, field trips and class meetings will serve to organize and structure experiential learning. Prerequisites: 24 credits and permission of instructor.

CBA-310, CBA-311 Study Abroad: Global Business  
Studies in Paris  
Up to 17 credits  
A regular course load in an approved program at the Institut de Gestion Sociale Universite/ American Business School in Paris, France. Courses will be selected from a list pre-approved by the global business program at Rider. All business courses are taught in English. Two of the regular courses for all students in the program will be French language and civilization courses. Prerequisites: 2.5 GPA; junior standing; permission of global business program director and CBA dean.

CBA-312, CBA-313 Study Abroad: Global Business Studies  
Up to 17 credits  
A regular course load in an approved program. See director of global business major for details of any programs being offered abroad. Prerequisites: 2.5 GPA; junior standing; permission of global business program director and CBA dean.

CBA-315 Global Business Study Tour  
3 credits  
Provides students with the opportunity to observe various international business environments outside of the United States. Students should gain a better appreciation of how culture, history, and politics influence organizational dynamics, business functions, and business customs. Prerequisites: Junior or senior standing and permission of instructor.

CBA-316 Nature’s Business  
3 credits  
This interdisciplinary business-science course examines the relationship between economic, legal, biological, and environmental concerns and analyzes how a particular country attempts to preserve its biological diversity without sacrificing its economic development. Topics include ecotourism and the biodiversity, geology, cultural norms, and legal and political systems of the country. The study tour component of the course provides students with an opportunity to observe various international business and scientific environments outside of the United States. Prerequisites: Permission of instructor.

CBA-317 Emerging Nations Study Tour  
3 credits  
Through readings, lectures, student-led discussions, guest speakers, and a short-term study abroad experience, students become familiar with the culture, history, religion, and political structure of an emerging country or region. This includes an overview of economic conditions and business practices, insights on doing business with the country or region, and the importance of the country or region in the global economy. Prerequisite: junior or senior standing and permission of instructor.

CBA-318 International Business Research Seminar  
3 credits  
A one-semester, 3-credit course that must be completed immediately following the study abroad experience. Students develop a comprehensive understanding of the country or region visited, including how a specific business and/or industry can position itself for current and future success in a growing global economy. Prerequisite: CBA-315, CBA-316, CBA-317, or permission of instructor.

CBA-366, 367, 368, and 369 Selected Topics in Business  
3 credits  
The study of a topic (or combination of topics) that represent some dimension
of business or has important implications for business. This study may be theoretical and/or applied in nature. Prerequisite: Permission of instructor.

CBA-399  
**College of Business Administration Co-op Experience**  
6 credits  
The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their business classes. It also enhances students’ employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Eligible students include junior and senior business students with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in the major. Co-op credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis. Prerequisites: All 200-level business core and non-business core courses, BUS-300, and FIN-300.

CBA-410, 411  
**Intercultural Communication I and II**  
1–3 credits  
The seminar provides non-U.S. native students with a supportive forum for discussing intercultural and communication challenges. The course seeks to make the Rider experience personal and academically fulfilling and successful. The specific course objectives include providing information about culture transitions and differences, providing cultural information and enhanced communication skills, reflecting upon and analyzing culture communication differences inside and outside of the classroom, and building study cases to help future international students with their transition and adaptation to U.S. life. Pass/fail. Prerequisite: Permission of instructor.

CBA-490  
**Independent Study**  
1–4 credits

CBA-491  
**College of Business Internship**  
1–4 credits  
Provides students an opportunity to supplement and apply classroom work in supervised employment with participating businesses, government offices or not-for-profit organizations. Requirements are to be determined by the faculty sponsor prior to the period of the internship and must include an academic component, preferably a written paper of project. There must also be a final evaluation from the organization on the intern’s performance. Permission of instructor. Fall, spring or summer.

### Chemistry (CHE)

**CHE-100**  
**Introduction to College Chemistry**  
3 credits  
Open to all students, but designed primarily for those who wish to major in a science which requires chemistry but whose chemistry background is not sufficient to allow entrance into Chemistry 120. It focuses on the nomenclature used in chemistry including the symbols used to designate the chemical elements, the construction of chemical formulas, and the writing and balancing of chemical equations. Other topics will include interpreting the Periodic Table, the valences of the elements, the mole concept, and simple stoichiometry. In addition, chemical calculations involving units, scientific notation, significant figures, and the algebraic manipulations of simple equations will be included. Three hours of lecture per week. This course does not satisfy the requirements for the biochemistry or chemistry degree, but does satisfy the core requirements for liberal arts, education and business majors. Spring.

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

**CHE-120**  
**Principles of Chemistry**  
3 credits  
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite: high school chemistry, CHE-100 or permission of the instructor. Fall.

**CHE-122**  
**Introduction to Chemical Systems**  
3 credits  
A continuation of Chemistry 120. For students concurrently taking Chemistry 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

**CHE-123**  
**Quantitative Methods Laboratory**  
1 credit  
Usually taken concurrently with Chemistry 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite: CHE-120, MTH-105 or higher. Spring.

**CHE-205**  
**Experimental Chemistry I**  
2 credits  
The first of four experimental chemistry labs designed for chemistry majors. It presents the use of modern techniques, and instrumentation in organic chemistry, including distillation, chromatography, infrared, ultraviolet, nuclear magnetic spectroscopy, and mass spectrometry. Two three-hour labs per week. Prerequisites: CHE-214, CHE-216. Spring.

**CHE-214**  
**Exploration of Chemical Principles**  
4 credits  
A one-semester introduction to the principles of chemical sciences. Students will utilize inquiry-based learning methods to examine contextual problems as a means to explore introductory models and concepts of chemistry. Students will also gain an understanding of how scientific models are used to explain experimental observations. The laboratory component of this course is designed to provide students with an experimental context within which to develop some of the models described in the classroom. Three hours of lecture and one three-hour lab per week.
CHE-211
Organic Chemistry I
3 credits
The structure, chemical properties, and methods of preparation of the more important classes of carbon compounds are studied, with an emphasis on the relationship of structure, stereochemistry, and conformation to chemical reactivity. Prerequisite: CHE-122. Fall.

CHE-213
Organic Chemistry I Laboratory
1 credit
For students concurrently taking Chemistry 211. An introduction to the methods of experimental organic chemistry, emphasizing modern procedures for the preparation, isolation, purification, analysis, and characterization of organic compounds. One three-hour lab per week. Prerequisite: CHE-123. Fall.

CHE-214
Organic Chemistry II
3 credits
A continuation of Chemistry 211, emphasizing the mechanism of organic reactions, structural interpretations of properties, preparations, and identification of organic compounds. The use of infrared, ultraviolet, and nuclear magnetic resonance spectroscopy for elucidating structures of organic molecules is discussed. Three hours of lecture per week. Prerequisite: CHE-211. Spring.

CHE-216
Organic Chemistry II Laboratory
1 credit
For students concurrently taking Chemistry 214. Lab experience in separation, purification, and identification of organic mixtures similar to that encountered in organic syntheses or natural product isolation is provided. Students use ultraviolet, infrared, and nuclear magnetic resonance spectrometric methods to elucidate the structure of unknown organic compounds assigned to them. One three-hour lab per week. Prerequisite: CHE-213. Spring.

CHE-300
Introduction to Physical Organic Chemistry
3 credits
In-depth studies of the methods for elucidating the mechanisms of organic reactions for students who have completed one year of organic chemistry. Topics include conformational analysis, Hückel molecular orbital theory, Woodward-Hoffmann rules, transition state theory, linear free energy relationships, acidity functions, and kinetic isotope effects. Three hours of lecture per week. Prerequisites: CHE-214 and CHE-305 or concurrently. Spring.

CHE-301
Experimental Chemistry II
2 credits
Measurement of a variety of equilibrium constants using modern instrumental methods. Included are the measurements of acid-base dissociation constants, enzyme micro-constants, and enzyme-substrate binding constants. Instrumental methods utilized include NMR spectrometry, ultraviolet-visible spectrophotometry, fluorescence spectrophotometry, polarography, and potentiometry. Two three-hour labs per week. Prerequisites: CHE-216, CHE-306 or concurrently. Fall.

CHE-302
Experimental Chemistry III
2 credits
Measurements are made of physical properties of molecules and dynamics of chemical processes. Thermodynamic values are determined using bomb calorimetry, viscosity measurement, and boiling point measurement. Infrared spectroscopy is used to determine interatomic bond lengths. NMR spectroscopy is used to determine the energetics of hydrogen bonded systems. Computer simulations are used to examine bimolecular reaction kinetics. Two three-hour labs per week. Prerequisites: CHE-301, CHE-305 or CHE-306. Spring.

CHE-304
Experimental Chemistry IV
2 credits
An advanced laboratory emphasizing the synthesis and characterization of inorganic solids and organo-metallic compounds. Two three-hour labs per week. Prerequisites: CHE-216, CHE-315 or concurrently. Fall.

CHE-305
Chemical Thermodynamics
3 credits
The mathematical and conceptual foundations of classical thermodynamics are formulated and application is made to a variety of chemical systems. Topics include thermochromism, phase equilibria of pure compounds, equilibria of homogeneous and heterogeneous solutions, equilibria in systems of varying composition, electrochemistry, and chemical kinetics. Oriented to the solution of problems that arise from all fields of chemistry, including biochemistry. Prerequisites: CHE-214, MTH-211, PHY-201 or concurrently. Spring.

CHE-306
Quantum Chemistry II
3 credits
Statistical thermodynamics based on quantum theory. Quantum mechanical description of some simple systems including the free particle, a particle in a box, the harmonic oscillator, the rigid rotor and the hydrogen atom are applied statistically to explain the thermodynamic properties of molecular systems. The electronic structure of atoms and molecules and their spectral properties are also investigated. Prerequisites: CHE-214, MTH-211, PHY-201. Fall.

CHE-311
Analytical Chemistry
3 credits
Classical gravimetric and volumetric methods of chemical analysis and the application of the principles of chemical equilibrium to them. The theory and application of instrumental methods to qualitative and quantitative chemical problems. Methods include ultraviolet and visible spectroscopy, atomic spectroscopy, electroanalytical chemistry, and chromatography. Prerequisites: CHE-211, PHY-100 or PHY-200. Spring.

CHE-312
Analytical Chemistry Laboratory
1 credit
The focus of this laboratory course is on the qualitative and quantitative methods for analyzing chemical substances and mixtures of these materials. The laboratory experience will be divided into two parts: a) experiments involving classical methods of gravimetric and volumetric analysis and b) experiments involving modern chemical instrumentation including ultraviolet and visible spectroscopy, inductive coupled plasma spectroscopy, gas chromatography, high pressure liquid chromatography, and fluorescence spectroscopy. Prerequisites: CHE-213, PHY-100 or PHY-200, CHE-311 concurrently. Spring.

CHE-315
Inorganic Chemistry
3 credits
The periodic table as a tool for predicting the physical and chemical properties of chemical systems is developed and examined in conjunction with various theories of bonding, including valence bond, molecular orbital, valence shell electron repulsion, and ligand field theory. Emphasizes structure of crystalline solids, coordination compounds, reaction mechanisms, and structure-property relationships. Three hours of lecture per week. Prerequisite: CHE-214. Fall.
CHE-320  
Polymer Chemistry  
3 credits  
Designed to acquaint students with the structure and properties of polymers, the contrast between small molecules and polymers, methods of measuring molecular weight, the mechanism of polymerization, and the methods of fabricating polymers. Prerequisites: CHE-214, CHE-305 or CHE-306.

CHE-400  
Chemical Bonding  
3 credits  
The effects of the chemical bond on the structure and properties of molecules are investigated. Molecular orbital theories of bonding are introduced. Emphasis is placed on group theoretical methods utilizing molecular symmetry to simplify the description of the electronic structure of molecules and to predict their geometric structures and reactivity. Three hours of lecture per week. Prerequisites: CHE-306, MTH-212. Spring.

CHE-415  
Special Topics in Chemistry  
3 credits  
An advanced level of one or more areas of modern chemistry. Emphasis on research and the literature of an area of current importance. Topics change each semester and are listed in the roster. May be taken more than once. Three hours of lecture per week. Prerequisite: CHE-214 or permission of instructor. Spring.

CHE-490  
Independent Research and Study  
Credit to be arranged

CHE-491  
Internship in Chemistry  
1–4 credits  
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in a private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student’s progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the students’ overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester. Prerequisites: 2.5 GPA and permission of the instructor.

Communication and Journalism (COM)

COM-102  
Introduction to News Writing  
3 credits  
Provides a cross-media approach to factual journalistic print, audio, and graphic formats. Emphasizes the basics of gathering, organizing and communicating information for print and electronic media. Utilizes a multi-media computer lab to introduce students to word-processing, desktop publishing, audio digitizing, graphical information display, and Internet software.

COM-103  
Introduction to Communication Studies: Theory and Practice  
3 credits  
Open to freshmen only. Provides a foundation for the study in the field of human communication. The course is designed, but not limited to, helping first-year communication and journalism majors gain a broad understanding of the discipline while introducing them to fundamental communication theories, principles, concepts, terms, and issues.

COM-104S  
Introduction to Speech Communication  
0–3 credits  
Present basic information and education concerning speech communication, stressing the concept that speech and language habits can and should be improved. Through directed practice the student has an opportunity to develop poise and confidence in speaking, as well as competence in analyzing and synthesizing ideas and attitudes. Emphasizes importance of the speaker's personality, voice, diction, body action, reasoning, and organization. To receive credit, grade must be A, B, or C. Prerequisite: permission of department chairperson.

COM-105  
Mass Media Communication  
3 credits  
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society.

COM-106  
Writing for the Communication Professions  
3 credits  
Provides students with written communication writing strategies and tools. Applies theory and practice in mass media communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM-107  
Persuasive Writing for the Media  
3 credits  
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM-131  
Fundamentals of Video Production  
3 credits  
This introductory level course will provide students with an overview of basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM-201  
Communication Theory  
3 credits  
Studies selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.
COM-204 Advanced Speech Communication
3 credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material. Prerequisite: COM-104.

COM-205 Theories of Persuasion
3 credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM-210 News Reporting and Writing
3 credits
Develops skills in hard-news reporting in laboratory and field exercises. Emphasizes off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Requires students to produce reports using advanced journalistic writing techniques. Includes reporting and writing about police news, state and local government, the criminal justice system, science, and sports. Prerequisite: COM-102. Fall.

COM-211 Copy Editing
3 credits
Teaches all phases of copy editing for news and public relations: marking of copy, building and shaping news stories, following mechanical style, and safeguarding against problems of libel and inaccuracy. Provides comprehensive review of grammar, spelling and punctuation, and intensive practice in writing headlines and captions, editing wire copy, and using computers. Prerequisite: COM-102 or English writing concentration.

COM-212 Publication Design
3 credits
Explains theories and techniques of graphic arts in print media layout and design. Provides an understanding of the use of typography and art as design elements in newspapers, advertisements, newsletters, and brochures. Directs students to apply these concepts to the creation of published materials using Macintosh desktop publishing techniques.

COM-215 Computer Assisted Reporting
3 credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context. Prerequisite: COM-210 or permission of instructor. Spring.

COM-220 Voice and Articulation
3 credits
Increases the student’s knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM-222 Group Communication
3 credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM-230 Radio and Television Communication
3 credits
Examines the field of electronic communication and its role in society. Scrutinizes the history, technology, structure, and regulation of broadcasting including issues, trends, and the impact of new communication technologies. Introduces basic principles of effective communication in broadcast writing and producing.

COM-233 Writing for Broadcast
3 credits
This course is an introduction to diverse and highly-structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery. Prerequisite: COM-107.

COM-234 Audio Production
3 credits
(Formerly COM-334) Provides a laboratory study of audio production techniques, writing, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording. Students write, produce, and perform a variety of programs including news, interviews, commercials, dramas, and documentaries.

COM-240 Public Relations
3 credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM-251 Interpersonal Communication
3 credits
Introduces the student to the field of interpersonal communication. The focus of this course is balanced between the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.
COM-252
Intercultural Communication
3 credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. This course will be different from the international communication course, which focuses on communication between nations. This course will focus on the more personal aspects of communication—what happens when people from different cultures interact face-to-face. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM-253
Organizational Communication
3 credits
The focus in this course will be the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM-261
Multimedia Production I: Interactive Design
3 credits
Uses digital graphics, text, and audio to introduce students to the use of multimedia as an educational, presentational, sales, and entertainment tool. Using the Macintosh computer and building an understanding of basic design principles, students will learn the theories underlying effective presentation of digital messages, as exemplified in the creation of a CD-ROM.

COM-262
Graphic Imaging for Multimedia
3 credits
The course is designed to offer students education in graphic design, image development, and image preparation for various multimedia applications. Emphasis is placed on desktop scanning basics, color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. The primary software for this course is Adobe Photoshop 7.0 and ImageReady. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students’ work. Prerequisite: COM-261 or permission of instructor.

COM-263
History and Principles of Graphic Design
3 credits
This course covers the history and principles of graphic design from the invention of writing through the digital revolution. Topics include such areas as Postmodern Design, Multicultural Design, and Corporate Design Systems, along with such elements and principles of design. An in-depth survey course, it will emphasize stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM-280
Issues in Event Planning
3 credits
This course is designed to offer students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.

COM-290
Professional and Strategic Speech
3 credits
Improves communication skills of business majors to compete successfully in the corporate world. Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in business administration.

COM-291
Documentary Film and Video
3 credits
Explores philosophical questions about the relationship between non-fiction films and television programs and the reality they purport to record. Analyzes ethical problems of filmmaking and television. Through screenings, lectures, and readings, students survey the main traditions in documentaries—reportorial, exploratory, persuasive, symphonic, compilation, and fictional.

COM-301
Communication Law
3 credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM-302
Communication Ethics
3 credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM-316
Feature Writing
3 credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in selected media and learn marketing techniques. Prerequisite: COM-102, English writing concentration, or permission of instructor.

COM-322
Argumentation and Debate
3 credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics. Prerequisite: COM-104 or COM-290.
COM-323
Oral Interpretation of Literature
3 credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued. Prerequisites: COM-104 or COM-290 or permission of instructor.

COM-328
Sitcoms and American Culture
3 credits
This course will provide an overview to the unique and highly structured form of the American television situation comedy. The primary focus will be on history and development with in-depth study of situation comedy themes, characters, and settings. Through lectures, case discussions, in-class assignments, and class projects, students will examine the social and cultural meanings and implications of this incredibly popular and durable genre of programming.

COM-331
Television Production
3 credits
Explores the technological capabilities and limitations of the television medium in team productions using a range of styles and formats. Students learn principles of studio production, electronic field production, and electronic news gathering. Exercises include use of computer graphics, audio production, and electronic video editing. Stresses electronic communication skills and aesthetic values in a professional production setting. Prerequisite: COM-230. Fall.

COM-333
Broadcast Programming
3 credits
Analyzes the theory, practice, structure, and function of broadcast programming. Examines the structure of the industry as it relates to entertainment, information, and the audience. Studies program categories, formats, genres, trends, consistency, accountability, and ratings as well as cable, satellites, and home video. Critical standards are developed by introducing humanistic and scientific modes of program analysis. Prerequisite: COM-230.

COM-335
Television Field Production
3 credits
Provides an in-depth study of advanced techniques in Television Field Production for television. Individual and group field production assignments will involve planning and executing single camera production in a non-studio setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of field production including: production planning, camera operations, lighting, sound, and digital nonlinear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit video documentaries, public service announcements and instructional projects for use on the campus television network. Prerequisite: COM-331.

COM-337
Music Production for Mass Media
3 credits
The course is designed to offer students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams. Prerequisite: COM-234.

COM-341
Publicity Methods in Organizations
3 credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, house organs, trade publications, brochures, newsletters, stockholder reports, and audio-visual media. Prerequisites: COM-107, COM-240, or permission of instructor.

COM-347
Sports Media Relations
3 credits
This course is a critical examination of the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing. Prerequisite: COM-240 or permission of instructor.

COM-352
Chinese and American Intercultural Communication
3 credits
This course is designed to help students learn more about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM-353
Nonverbal Communication
3 credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, and subtle ways. Through readings, lectures, and environmental factors. Prerequisite: COM-104 or permission of instructor.

COM-360
Advanced Publication Design and Presentation
3 credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, typography, and computer graphics. Introduces students to industry standard drawing and digital photo editing software. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production. Prerequisite: COM-212 or permission of instructor.

COM-361
Photography
3 credits
Introduces students to professional methods of shooting, processing, and digitizing photographs for publication in print and on the Internet. Relates hands-on work to theory, history, aesthetics, and ethics. Provides practice in computer manipulation, using Photoshop. Each student must have a manually adjustable 35mm camera. Prerequisite: permission of instructor.
COM-363
Converging Digital Media
3 credits
This course will look at the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM-364
Multimedia Production II: Web Design
3 credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, audio, and video for the Internet. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media. Prerequisite: COM-261 or permission of instructor.

COM-365
Graphic Animation
3 credits
The course is designed to offer students education in graphic animation theories, animation development techniques, and animation preparation for various multimedia applications. Emphasis is placed on the design principles in animated communication and animation techniques. The course covers the integration of static images in animation, graphic animation techniques, animation compression, animation rendering, input/output file formats, and animation delivery. The primary software for this course is Adobe Photoshop and Macmedia Flash. Students will be expected to participate in critiques of professional animation designs in order to learn to evaluate critically their own work and their fellow students' work. Prerequisite: COM-262 or permission of instructor.

COM-390
Communication and Society: Issues and Movements
3 credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with a different emphasis. Prerequisite: permission of instructor.

COM-391
Communication Criticism
3 credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of interpersonal and mass communication. Introduces theories and perspectives to assist in the analysis of contemporary communication. Emphasizes the application of critical methods to actual speeches, films, texts, and mass media coverage.

COM-392
Media History: Personalities and Trends
3 credits
Presents in a topical manner the history of the media from various perspectives, seeking to place the material into a meaningful economic, cultural, political, and/or social context. Different issues and related individuals are examined, such as the golden age of radio, motion picture economics, and media empire builders, with a view toward understanding their significant impact on the development and functioning of the media today. This course may be taken more than once with a different emphasis.

COM-393
International Communication
3 credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geopolitical centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM-400
Senior Seminar in Communication
3 credits
Utilizes quantitative and qualitative research to investigate current topics in communication. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM-415
Investigative Reporting and Writing
3 credits
This is an advanced course in the tools and techniques of contemporary in-depth reporting. Students will learn how to do multi-sourced reporting and writing using primary and secondary sources including human sources, paper sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only the who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion. Prerequisite: COM-210.

COM-431
Advanced Television Research and Production
3 credits
Utilizes the studio as a tool of scholarly research. Students design and conduct social and behavioral research on the influence and the effects of television, using their own production as a basis for experimental or descriptive studies. Prerequisite: COM-331 or permission of instructor.

COM-434
Advanced Radio Production
3 credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on student radio station, WRRC. Prerequisite: COM-234.

COM-440
Cases and Campaigns in Public Relations
3 credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations. Prerequisite: COM-341 or permission of instructor.
COM-452
Contemporary Issues in Interpersonal Communication
3 credits
Introduces the student to the study and nature of human interaction. Students are encouraged to explore the social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions. Prerequisites: COM-222, COM-251 or COM-252 or permission of instructor.

COM-460
Multimedia Production III: Advanced Interactive Design
3 credits
Builds on previous courses to refine students’ understanding of theories of digital media across platforms. Introduces Web site creation and management, as well as management of other forms of digital media. Prerequisite: COM-364.

COM-462
Advanced Graphic Design and Portfolio
3 credits
Students explore the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course. Prerequisites: ART-103, ART-105, COM-262, COM-360.

COM-490
Independent Research and Study
1–4 credits
COM-491
Internship in Communication
1–4 credits
Placed qualified students in a professional area related directly to their communication training. For example, students may intern in a communication position on a newspaper, at a radio or television station, in a public relations agency, or with a political party or private business appropriate to their interest. A minimum of 50 hours of internship per credit is required. Written reports and supervisor evaluations are used to analyze and evaluate the experience. For journalism and communication majors only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. Prerequisite: 2.5 GPA or permission of instructor.

Computer Information Systems (CIS)

CIS-185
Introduction to Computing
3 credits
This course provides an introduction to the basic concepts of computer hardware, software, and communication systems. Students work in the Windows XP operating environment with Microsoft Office (Excel, PowerPoint, Word). Students also obtain a hands-on introduction to SAP R/3 enterprise systems software. Additionally, students are introduced to the use of the campus network for communications and research via the Internet and World Wide Web.

CIS-200
Introduction to Programming
3 credits
Students are provided with an understanding of the development of business applications utilizing the object-oriented/event-driven programming language Visual Basic. Prerequisite: CIS-185.

CIS-260
Business Graphics
3 credits
Basic color theory, typography, and page/slide layout are presented. Students also make extensive use of Microsoft PowerPoint, Microsoft Word, and Adobe Photoshop Elements to edit and manipulate various digital images, and to design, create, and present their completed work. Students are expected to compile a portfolio at the end of the semester. Prerequisite: CIS-185 or permission of instructor.

CIS-270
Telecommunications
3 credits
This course provides an introduction to business data communications and networking. The Internet and OSI models are discussed. Network technologies include local area networks, backbone, wide area networks, and the Internet. Introduction to network design, security, and network management are also provided. Prerequisite: CIS-185.

CIS-300
Object-Oriented Programming
3 credits
Students will learn the basic concepts of object-oriented programming as contrasted with traditional structured programming and will develop applications using the Java programming language. Prerequisite: CIS-200.

CIS-309
Data Structures and Computer Architecture
3 credits
Introduction to linked lists, stacks, queues, trees, pointers, and sorting and searching algorithms. Students will learn the technical details of data storage and manipulation along with the concepts of program execution, and will use tools such as hex-editors and debuggers. Prerequisite: CIS-185 or permission of instructor.

CIS-310
Networking
3 credits
Students are provided with a foundation in networking technology including hardware, software, protocols, and applications. After completing this course, students will be able to design and build simply organizational networks and will understand how networks integrate within a variety of business environments. Prerequisite: CIS-185.

CIS-319
Computer Forensics
3 credits
Students will use computers to obtain and analyze evidence found on storage devices such as those confiscated under warrant, and will use tools such as hex-editors and debuggers. Prerequisite: CIS-185.

CIS-320
Systems Administration
3 credits
Students learn the various facets of administration including operating system installation, configuration, maintenance troubleshooting and monitoring. The important task of administering computer security including user accounts and authentications will be discussed. Hands-on labs include both the Windows and Linux operating system environments. Prerequisite: CIS-185.

CIS-325
User-Centered Design
3 credits
This course introduces students to the design and evaluation of interactive and Web-based systems, including methods to understand user needs and requirements, design and prototype alternative systems, and evaluate system usability. Topics include user centered design, human factors, requirement gathering techniques, protocol analysis, usability testing, and heuristics evaluation. Prerequisite: CIS-185.
CIS-330  Database Management Systems  3 credits  
This course involves the study of relational and object-relational database management systems in the Oracle and Microsoft Access environments. Major topics include SQL programming and hands-on database development. Prerequisite: CIS-200.

CIS-340  Electronic Commerce  3 credits  
Students will learn about the broad range of Internet business technologies; develop the skills necessary to create and administer successful electronic commerce projects; and understand the associated benefits, and risks of electronic commerce business models. Prerequisite: CIS-185.

CIS-350  Internet Applications Development  3 credits  
This course involves the study of application development in an n-tier, component-based architecture. Major topics include client and server-side scripting, XML, and Web services. Emphasis is placed on database applications for E-commerce. Prerequisite: CIS-200.

CIS-360  Knowledge Management  3 credits  
This course deals with the use of computer systems to support humans with knowledge management activities. It discusses the organization of knowledge already available in computer-based formats, the selection and use of suitable knowledge representation methods, the access to stored knowledge through search and retrieval techniques, and the way users utilize knowledge for particular tasks. Prerequisite: CIS-200.

CIS-370  Systems Analysis and Design  3 credits  
Topics include modeling techniques such as UML and methodologies to address the planning, analysis, design, and implementation of high-quality systems, delivered on time and within budget. Issues and tools related to the management of project teams are also discussed. Prerequisite: CIS-185.

CIS-380  Systems Development Project  3 credits  
Using rapid application development tools, students construct a complete operational system within the span of a single semester. The project covers the five steps of the systems development life cycle: planning, analysis, design, programming, and implementation. Prerequisite: CIS-370 or permission of instructor.

CIS-399  Computer Information Systems Co-op Experience  6 credits  
The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their computer information systems and other business classes. It also enhances students’ employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Eligible students include junior computer information systems majors with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in any computer information systems coursework completed prior to submission of the co-op application. Three of the co-op credits can be applied toward the computer information systems major, and three credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis. Prerequisites: CIS-200 and CIS-310.

CIS-410  Selected Topics in Information Technology  3 credits  
Information and communication technologies are evolving rapidly and continually. The Special Topics course facilitates the exploration of a selected topic (or combination of topics) that represents a recent technological advance with important and direct implications in the field of computer information systems. Current research, readings, lectures, discussions and/or hands-on computer experience or other appropriate measures will be employed to stimulate student learning. Prerequisites to be determined by instructor.

CIS-420  Enterprise Security  3 credits  
Students will be provided with complete coverage of computer security in all forms including hardware, network, and software program security. Through hands-on labs, students will learn firsthand how enterprise systems can be comprised and how computer professionals can prevent and provide counterattacks for security intrusions. Prerequisite: CIS-310 or permission of instructor.

CIS-430  Enterprise Systems Integration  3 credits  
The major focus of this course includes the forces driving enterprise integration as well as the management decisions associated with the design and implementation of enterprise systems. Students will use SAP R/3 extensively to configure, build, test, and implement an enterprise system for a real business environment from the ground up. Prerequisite: CIS-185 and ACC-210.

CIS-440  Computer Forensics  3 credits  
Computer forensics is the science of obtaining and analyzing evidence from computers. This evidence may be found on storage devices, such as hard drives, which are confiscated under warrant from personal or professional computers; or it may be found by traces of activity on computer networks. This course concentrates on the tools and processes of computer forensics. Prerequisite: CIS-390.

CIS-485  Management Information Systems  3 credits  
The course focuses on the use and management of information systems and technology for the strategic and operational advantage of the firm. Students learn the business value of information resources of a firm, which include a variety of hardware, software and communications technologies. Additionally, students experience the implications of enterprise integration with hands-on experience using SAP R/3. Prerequisite: CIS-185.

CIS-490  Independent Research and Study  3 credits  
Topic to be approved by professor and department chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation. Prerequisite: Permission of instructor.

CIS-491  Summer Computer Information Systems Internship  3 credits  
This is an honors course that provides the student with approximately two months of supervised employment with participating companies. Students are given a variety of information technology experiences. They are required to complete a term paper and to make an oral presentation to the faculty. Pass/fail. Prerequisite: permission of instructor.
Economics (ECO)

ECO-200 Principles of Macroeconomics
3 credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Problems: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are covered. Prerequisite: ECO-201 or MTH-100S or passing grade on math placement exam.

ECO-201 Principles of Microeconomics
3 credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output are evaluated. Welfare, social control, monopoly, and income inequality are explored in the light of price theory. The role of the United States in the world economy is explored. Prerequisite: ECO-201 or MTH-100S or passing grade on math placement exam.

ECO-210 Intermediate Macroeconomics
3 credits
An analytical study of modern aggregate economic theory. Emphasizes the measurement and determination of income, employment, and price levels, as well as economic policy in theory and practice. Prerequisite: ECO-200.

ECO-211 Intermediate Microeconomics
3 credits
This course is designed to give the student a thorough understanding of microeconomic theory. As such, the course will analyze the behavior of both consumers and producers, and how this behavior determines the price and quantity observed in the market. The course objective is to provide students with the necessary theoretical background to enable them to solve meaningful and practical problems. Thus, the course is both theoretical and applied in its orientation. The course will emphasize that economic theory can be used not only to solve market oriented problems, but social and public policy problems as well. Prerequisite: ECO-201.

ECO-300 Business Conditions Analysis and Forecasting
3 credits
Business conditions change daily. Students study them as they change, learning to understand them in the light of economic theory, learning how each part of the economy is affected, and learning the advantages and limitations of the most reliable forecasting methods. Prerequisites: ECO-200, MSD-201, or permission of instructor. Fall.

ECO-301 Managerial Economics
3 credits
Intensively examines the theory of the firm with applications to the solution of such managerial problems as demand forecasting, the nature and behavior of costs, and product pricing. Introduces the use of simple mathematical and statistical tools that are employed with economic analysis for solving managerial problems. Prerequisites: ECO-201, MSD-105 and MSD-201 or permission of instructor. Fall.

ECO-305 International Trade and Investment
3 credits
Studies the theory, institutions, and structures underlying the international flow of trade and investment. Topics are: the theory of international trade; balance of payment analysis; the international monetary system; adjustment to balance of payment disequilibrium; regional economic integration; the economic effects of trade restrictions; and trade and foreign investment problems of developing nations. Prerequisite: ECO-201 or permission of instructor. Spring.

ECO-315 Comparative Economic Systems
3 credits
Provides a conceptual framework for classifying and comparing economic systems. Presents theory of the capitalist market economy and case studies of the U.S., Japanese, French, and Swedish economies. Examines theory of the centrally planned economy, its transition, and case studies of the Soviet and its successor states, Chinese, and East European economies. Case studies are necessarily limited, concentrating on selected topics, such as transition strategies, industrial policy, etc. Prerequisite: ECO-201 or permission of instructor. Fall.

ECO-325 Industrial Organization
3 credits
Explores the relationship between market structure and performance. Topics include concentration in individual industries, product differentiation and entry barriers, pricing and marketing policies, and antitrust policies and their consequences. Prerequisite: ECO-201 or permission of instructor. Spring.

ECO-330 Labor Market Analysis
3 credits
Intensive study of the economics of the labor market, which examines the determinants of labor supply and demand, and market equilibrium in the labor market. This enables the student to understand what determines wages, labor force participation, occupational choice, the extent of education and training, unemployment, poverty, union membership, and discrimination in the labor market. Prerequisite: ECO-201 or permission of instructor. Fall.

ECO-335 Economics of the Public Sector
3 credits
Analyzes the economic roles of government: allocation; distribution; and stabilization. The course examines the tools used by governments, especially the federal government, such as taxation, expenditures, regulations and laws in order to achieve economic goals. The course will give special attention to social regulation. Prerequisite: ECO-201 or permission of instructor. Spring.

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

Note: This course is cross-listed as HTH-336. Students may not get credit for both ECO-336 and HTH-336. For business students who take the course as ECO-336, the course will count as a business course. If taken as HTH-336, the business student will receive credit as a liberal arts course.
ECO-340  
Mathematical Economics  
3 credits  
Introduces mathematical economic models. Emphasizes equilibrium analysis, e.g., market and national income models; optimization problems, e.g., profit and utility maximization; and mathematical programming. Introduces differential and difference equations as they relate to dynamic economic models, which introduce time as a variable. Prerequisites: ECO-200 or ECO-201, MSD-105 and MSD-106, or permission of instructor.

ECO-345  
Transportation for Business and Society  
3 credits  
Studies the theoretical and policy-related aspects of the allocation of resources engaged in transportation. Special attention to the pricing and provision of individual and mass transport services in national, regional, and urban settings. Prerequisite: ECO-201 or permission of instructor. Spring.

ECO-350  
Business Location and Environmental Scanning  
3 credits  
Studies the economic forces that influence the observed locational patterns of agricultural, manufacturing, trade, and residential activities in urban and rural areas. Prerequisite: ECO-201 or permission of instructor. Fall.

ECO-360  
Contemporary Economic Issues  
3 credits  
Selected current issues are examined within the framework of economic theory. Specific topics undertaken will be announced at pre-registration. Prerequisites: ECO-200 and 201 or permission of instructor.

ECO-365  
The Post-Soviet Economy and U.S. Business  
3 credits  
Studies the contemporary post-Soviet economic system, with emphasis on institutions, policies and issues related to business opportunities in this area. Topics covered include the historic, geographic, political, and cultural setting, planning and plan implementation in the traditional system, current reforms and prospects for the future, with special reference to the foreign trade institutions and experience of foreign firms doing business in the post-Soviet Union and East European countries. Prerequisites: ECO-200, ECO-201. Spring.

ECO-370  
Development of Modern Economic Thought  
3 credits  
An introduction to the development of economic thought beginning with the Mercantilists and including such schools as the classical, socialist, neoclassical, institutionalist, Keynesian, Chicago, and Galbraithian. Prerequisites: ECO-200, ECO-201, or permission of instructor. Spring.

ECO-380  
Introduction to Econometrics  
3 credits  
Introduces the basic concepts and methods of econometric analysis. The fundamental techniques of constructing and testing econometric models are examined and analyzed with particular emphasis on their applicability in business and government decision-making. Students have the opportunity to construct and simulate their own simplified versions of an econometric model. Prerequisites: ECO-200 and MSD-201 or permission of instructor.

ECO-450  
Seminar in Economic Research  
3 credits  
Students in the course learn to conduct economic research by engaging in an actual community-based research project. At the beginning of the semester, students are assigned to a community-based organization. As a team, students meet with the client, devise a plan of action, collect and analyze data and other information, and write a report to the client. At the end of the semester, students present their findings to the client. Prerequisite: Permission of instructor.

ECO-490  
Independent Research and Study  
3 credits  
Topic to be approved by professor and department chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.

ECO-491  
Internship/Independent Study  
3 credits  
This course is available to qualified economics majors and minors. Evaluation is based on a performance appraisal provided by the participating firm and a project/paper judged by the department’s internship director. This course can be used as a business or free elective. Prerequisite: Permission of instructor.

Education (EDU)

An asterisk (*) indicates a course that may be taken only by students who have been formally admitted to the teacher education program, see page 33.

NCT-010  
Freshman Seminar  
1 supplemental education unit  
Designed for students new to education, this seminar is a small-group experience that serves as an orientation to the program. Concerns about preparing to be a professional as well as academic and personal development are considered in one-hour weekly sessions. The one supplemental education unit does not count toward graduation; grading is on a pass/fail (Y/F) basis.

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

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

EDU-262*  
Teaching in the Bilingual or Immersion Classroom  
3 credits  
Students observe, prepare, and present a variety of lessons in reading, language arts, and various school subjects, in English and another language. Focus is on the appropriateness and adaptation of methods and materials for first or second language learners. Evaluation of student progress as well as curriculum design and classroom management for students of diverse language levels also are covered. This course fulfills the pre-practicum field experience for students in the bilingual education and foreign language program.
EDU-320* Instructional Linguistics and Second Language Learning
3 credits
A general linguistics course that provides a contrastive study of English, French, German, and Spanish sounds, forms and syntax. Students visit schools where they interview language learners and sample their speech for analysis. Applications of these studies are made to creating instructional materials and to teaching. Theories of language acquisition as well as factors affecting second language learning, including learning styles and personality, are studied. A rationale for communicative language teaching and learning is constructed.

EDU-324 Issues in Day Care
3 credits
Issues facing parents and early childhood educators are explored, including program funding, government regulations, mainstreaming, child abuse, liability insurance, community support systems, nanny care, family day care, center care, and intergenerational care.

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

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

EDU-465* Student Teaching and Seminar
12 credits
A full-time program for seniors providing practical teaching experience in an accredited elementary or secondary school. Under the direct supervision of the cooperating teacher, student teachers are responsible for the planning of lessons and for teaching in their areas of specialization and for developing a high level of teaching competency. Supervisors from Rider observe the student teachers at work, confer with the cooperating teachers and student teachers, and evaluate the growth of the student teachers throughout the internship period. Special topics are considered in seminars held in conjunction with student teaching. These topics include school health and substance abuse, school law, teacher certification and placement, classroom management, mainstreaming, professionalism, and other topics deemed appropriate by the faculty and student teachers. Prerequisites: 1. Satisfactory completion of junior-level professional courses; 2. Cumulative GPA of at least 2.8 prior to commencing the semester in which student teaching is to be completed; 3. All professional education courses, with the exception of those taken concurrently with student teaching, must be completed with a grade of C+ or better; 4. A candidate for student teaching must be approved by the education division and the coordinator of student teaching. Student teaching fee: $245.

EDU-466 Business Education (BED)
An asterisk (*) indicates a course that may be taken only by students who have been formally admitted to the teacher education program, see page 33.

BED-110 Alphabetic Shorthand
3 credits
An introduction to alphabetic shorthand, stressing theory, principles, and reading and writing techniques. Students are required to do extensive reading and writing practice to develop this skill. Procedures for notetaking, as well as verbatim dictation, are applied.

BED-201 Word Processing: Beginning
1 credit
Students will be introduced to touch keyboarding on a computer keyboard. They will keyboard personal business letters, tables and short reports using the create, edit, and print functions of a major word processing package. Discussion will be held regarding how keyboarding and word processing can be taught in secondary and elementary classrooms. Students will prepare a paper summarizing a keyboarding/word processing software package of their choice. Pass/fail.

BED-202 Word Processing: Advanced
1 credit
Advanced word processing functions will be covered including search, pagination, headers/footers, macros, line draw, footnotes and endnotes, block and move, merge and sort. A major word processing package will be used. Discussion will be held on how to use advanced word processing functions in elementary and secondary classes. A paper summarizing an advanced word processing software program will be completed. Pass/fail.

BED-203 Desktop Publishing and Graphics
1 credit
Low-level desktop publishing is examined using a major word processing package and a major graphics package. This course enables students to prepare newsletters, simple news-letters, flyers, brochures, letterheads, and banners as well as line, bar, and circle graphs. This course is appropriate to education majors who expect to be involved in designing and overseeing student publications and for those who will use graphics in their teaching and personal lives. Discussions will be held on how to integrate desktop publishing and graphics into elementary and secondary curriculums. A paper summarizing a desktop publishing/graphics software package will be completed. Prerequisite: BED-202 or equivalent. Pass/fail.

BED-204 Spreadsheets
1 credit
Basic electronic spreadsheet concepts and applications are taught using a major spreadsheet program. Topics include writing basic formulas, copying formulas, playing “What If,” customizing a worksheet, and printing a spreadsheet. Discussions will be held on how to integrate spreadsheets into elementary and secondary classes and activities. Pass/fail.
COURSE DESCRIPTIONS

BED-209 Presentation Software
1 credit
This course will give students skills in the use of presentation software designed for microcomputer applications. Students will explore the features of Microsoft Power Point and design projects for presentation. Prerequisite: BED-202 or equivalent. Pass/fail.

BED-211 Web Page Development
1 credit
This course will provide students with the knowledge and skill to develop Web pages incorporating text, graphics, sound, and video enhancements. Students will be able to create a personal Web page usable for uploading to an Internet server. Pass/fail.

BED-213 Data Base Software
1 credit
This course will provide students with the knowledge and skill to build, maintain, and manipulate data base files. Students will be able to demonstrate the relationship between data within a data base management program. Prerequisite: BED-204. Pass/fail.

BED-215 Electronic Portfolios
1 credit
Students in Electronic Portfolios will use a popular Web-based portfolio system accessed through Internet Explorer. They will study the many uses of electronic portfolios, conduct an Internet search on electronic portfolios, evaluate sample electronic portfolios and create their own electronic professional portfolio. Some independent work may be required. Prerequisites: BED-202 or equivalent. Pass/fail.

BED-307 Concepts of Instructional Media and Technology
3 credits
Designed to provide the student with familiarity and appreciation of the role of educational technology in the workplace as it applies to students, teachers, administrators, and trainers. The student will explore the Internet, various educational multimedia, distance learning, virtual reality environments, learning theories, and integration models. Appropriate developmental/reflective strategies will be incorporated with instruction. Although multimedia microcomputers will be utilized throughout the course, prior microcomputer knowledge and experience is not a critical element. Multimedia expertise will be developed as the course progresses. Prerequisites: BED-202, BED-209 or equivalents. Open to all students.

BED-308 Directed Study in Instructional Media and Technology
3 credits
Designed to enable the student to develop instructional presentations utilizing the advantages of multimedia technology. Each student will be required to create a multimedia portfolio that contains information presentations, cumulative records, presenter notes, work samples, photo library, video animation, and audio narration. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail. Expertise will be developed as the course progresses. Prerequisites: BED-204, BED-209 or equivalents. Open to all students.

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

BED-401 Assistive Technology I: Visual Supports for Language, Literacy, and Learning
3 credits
Special educators understand that many individuals with exceptional learning needs benefit in the development of language, literacy, and learning through the use of symbols and other visual supports. This course will emphasize the use of assistive technology, visual supports, and related instructional strategies that maximize the learning of all individuals including those with exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using computer technology to meet the needs of a wide array of diverse learners. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that emphasize visual learning, and learn to relate these supports to the individualized needs of learners with a wide range of disabilities. Assignments will include the creative use of specialized and generally available software for communication boards, talking books and social stories, and computerized materials for teaching and assessment. Graduate students will be assigned an additional research-based assignment.

BED-402 Assistive Technology II: Augmentative Communication and Access Methods
3 credits
Individuals with significant expressive communication impairments require a variety of aided and unaided, high- and low-tech augmentative communication modalities. Concomitant physical disabilities often require the use of switch technology for access to communication devices, environmental controls, and appliances used in activities of daily living. Special educators must possess a strong background in augmentative communication and switch technology in order for these individuals to reach their fullest potential in school, career, and community settings. This course will expose students to the full range of augmentative communication materials and devices, from no-tech to high-tech, and will relate each to appropriate types of users and communication situations. Lecture and demonstration will include vocabulary selection, communication board design, and the use of switches and scanning methods. Assignments will include programming various communication devices and designing device overlays. Graduate students will be given an additional research-based assignment.

BED-403 Assistive Technology III: Writing Tools for Individuals with Disabilities
3 credits
Individuals with exceptional learning needs may have difficulty with the writing process due to cognitive, sensory, and/or motor disabilities. Adaptations in computer hardware and the use of specialized software enable individuals with exceptional learning needs to write more effectively. Students who take this course will learn about the various barriers to writing experienced by individuals with exceptional learning needs, and will learn to employ a variety of assistive technology solutions. Assignments will include functional applications of software introduced in the class. Graduate students will have an additional research-based assignment.
<table>
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<tr>
<th>BED-410</th>
<th>Principles and Strategies of Vocational and Cooperative Education</th>
<th>3 credits</th>
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<td>Designed as one of the specialized courses in the preparation of business and marketing education teachers and teacher-coordinators of cooperative work experience programs. The philosophy and history of education for and about work, including technology, are studied along with the principles and strategies for organizing and administering vocational cooperative education programs. Developmental/reflective evaluative techniques will be applied for the assessment of self, students, instruction and selected case studies. Current instructional concepts, organizational and administrative strategies, legislative enactments, and regulations pertaining to the employment of youth are included. Special attention is given to the role of vocational student organizations and advisory committees. Open to all students.</td>
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<tr>
<th>BED-415*</th>
<th>Teaching Business Subjects</th>
<th>3 credits</th>
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<td>Instructional strategies in the teaching of business and marketing subjects are analyzed and demonstrated. Students are required to prepare lesson plans, teach demonstration lessons, develop a unit plan, and compile a resource file of teaching materials. Videotaping of demonstration lessons is integrated with the course work to encourage developing teaching competency through a series of instructional modules appropriate to the student's certification interests.</td>
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<th>BED-445</th>
<th>Cooperative Work Experience for Education Majors</th>
<th>3 credits</th>
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<td>A minimum of 300 hours of a supervised occupational experience or a supervised internship program in an approved work station or institution. The experience is coordinated and supervised by a qualified coordinator of occupational education. A series of activities are designed to relate job and intern experiences to the student's future role as an employee or a professional teacher. The student will be evaluated by the supervising employer and the University supervisor.</td>
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<th>BED-490</th>
<th>Independent Research and Study</th>
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<td>Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.</td>
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<tr>
<th>Education: Elementary Education (ELD)</th>
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<td>Enrollment in elementary education courses is limited to students in the teacher education program.</td>
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<tr>
<th>ELD-307</th>
<th>Emergent Literacy: P-3</th>
<th>3 credits</th>
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<td>This course is needed to meet the requirements for the specialized endorsement in Early Childhood. The course establishes a solid foundation of knowledge about literacy in the early years and dispels myths regarding readiness to read and write. In addition, the course contains the foundational aspects of literacy, including the relationship between oral language and literacy, the linguistic foundation of literacy, and the social contexts of literacy learning. A cumulative GPA of 2.75 is required. Prerequisites: EDU-106 and EDU-206.</td>
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<tr>
<th>ELD-308</th>
<th>Fostering Language and Literacy Development</th>
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<td>Explores current understanding of the fields of reading/language arts from the perspectives of theory and practice. Students write lesson plans, critique methods of instruction and assessment and develop a portfolio of an individual student from their field site. A cumulative GPA of 2.75 is required. Prerequisites: EDU-106 and EDU-206.</td>
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<th>ELD-350</th>
<th>Early Adolescence</th>
<th>1 credit</th>
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<td>This course will focus on common dilemmas faced by young people as they move from childhood into adolescence. It will examine age-related differences between children and adolescents and consider ways to create stimulating environments that fit this developmental transition. Representations of adolescence in the media and in research will be compared, including common stereotypes. A cumulative GPA of 2.75 is required. Prerequisites: PSY-100, EDU-106 and EDU-206. Fall or spring.</td>
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<tr>
<th>ELD-355</th>
<th>Teaching in the Inclusive Middle School Classroom</th>
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<td>This course will highlight the legal and ethical responsibilities of general education teachers in the middle school classroom. The special education process will be discussed and methods to address special needs in the classroom will be shared. Strategies to differentiate instruction and work collaboratively with school community members will help pre-service teachers develop and implement effective instruction that meets diverse needs in the middle school inclusive classroom. A cumulative GPA of 2.75 is required. Prerequisites: EDU-106 and EDU-206. Fall or spring.</td>
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<th>ELD-360</th>
<th>Structure and Culture of Middle School Education</th>
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<td>This course focuses on the teaching of those concepts critical to the understanding of the structure and culture of middle school education. A cumulative GPA of 2.75 is required. Prerequisites: EDU-106 and EDU-206. Fall or spring.</td>
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<th>ELD-375</th>
<th>Teaching Math N–8</th>
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<td>This course focuses on the teaching of mathematics that is developmentally appropriate for students from nursery to grade eight. In keeping with ACET, NAEYC, and NCTM Standards, emphasis is placed on planning for and implementing an integrated curriculum approach, discovery learning, hands-on experience, theme cycles, use of technology, and traditional and non-traditional assessment strategies. Field experiences will consist of classroom observations and teaching individuals and/or small groups of students. A cumulative GPA of 2.75 is required. Prerequisites: EDU-106 and EDU-206.</td>
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<th>ELD-376</th>
<th>Teaching Science, Social Studies and the Arts</th>
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<td>This course focuses on methods and materials of instruction in science, social studies, and the arts that are developmentally appropriate for students in preschool through grade eight. This course will incorporate the knowledge and professional attitudes put forth by the National Council for the Social Studies, the American Association for the Advancement of Science, National Art Association, and the Music Educators National Conference. Emphasis is placed on integrated curriculum, hands-on-experiences, theme cycles, unit planning, and traditional and non-traditional assessment strategies. Field experience will consist of observation and analysis of a unit of study over time in at least one field site as well as continued teaching of lessons to individual and/or small groups of children. A cumulative GPA of 2.75 is required. Prerequisites: EDU-106 and EDU-206.</td>
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ELD-380  
Teaching Mathematics in the Middle School  
3 credits  
This course focuses on the teaching of mathematics that is developmentally appropriate for students in grades six through eight. It emphasizes the ten themes of social studies as developed by the National Council for the Social Studies. In addition to the facts, concepts and generalizations encompassed by the ten themes, the course works with academic, social, thinking and citizenship skills. The required, intensive field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required. Prerequisites: EDU-106 and EDU-206. Fall or spring.

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

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

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

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

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

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

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

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

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

SED-420  
Teaching a Second Language  
3 credits  
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language-learning and teaching, the use and evaluation of currently used materials, the development of new materials, and field experiences in the language to be taught. Students keep a journal and develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. A cumulative GPA of 2.75 is required.
SED-431
Content Area Reading and Writing
3 credits
Explores theoretical and methodological issues concerned with teaching reading and writing within content area classes. Students analyze junior high and high school textbooks and other reading materials, study methods of adjusting instruction to varying reading and writing needs of students, prepare directed reading activities in their specific content areas, and use informal diagnostic reading tools. Included is the preparation of content area writing assignments and the evaluation of student writing as well as the teaching of study skills. Emphasis throughout is on the integration of reading and writing into secondary school subject classes. A cumulative GPA of 2.75 is required. Prerequisites: EDU-106 and EDU-206. Fall.

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

Education: Special Education (SPE)

SPE-201
Inclusion and Students with Disabilities
3 credits
This course is designed to introduce students to the inclusive classroom. Students will develop the ability to design and manage the instructional environment in an inclusive classroom setting. Through the use of case studies and classroom interactions, students will develop effective communication and collaboration skills for professional interactions. Attitudes and behaviors that influence children with special needs will be addressed. A cumulative GPA of 2.75 is required. No prerequisites.

SPE-202
Society and Individuals with Disabilities
3 credits
This course will focus on the transition, community, and daily living concerns of individuals with disabilities. Through active participation in class and field sites and research, students will become aware of the various social issues related to family, education, transition, and work experiences of individuals with disabilities. Students will be required to complete a minimum of 30 weekday field hours in addition to regularly scheduled class hours. A cumulative GPA of 2.75 is required. Prerequisite: SPE-201.

SPE-301
Assessment for Instruction in Special Education
3 credits
This course will give students the opportunity to evaluate, select, develop, and adapt assessment materials for children with special needs. The legal, cultural, and ethical implications of assessment will be discussed. Administration and interpretation of formal and informal assessments will be addressed. Emphasis will be placed on using assessment information to make decisions about appropriate placement and learning environments, as well as making decisions for effective instruction in the classroom. A cumulative GPA of 2.75 is required. Prerequisite: SPE-201.

SPE-302
Instructional Practices for Children with Disabilities
3 credits
This course will give students the opportunity to evaluate, select, develop and adapt instructional and assessment materials for children with disabilities. Using various case studies, students will have the opportunity to develop an individualized educational program and synthesize assessment information to make appropriate instructional decisions. Students will experience the collaborative process and develop their ability to function as part of an educational team. A field experience with children with disabilities will enable students to apply knowledge in a realistic classroom setting. A cumulative GPA of 2.75 is required. Prerequisites: SPE-201, SPE-301.

English Composition (CMP)

CMP-100S
Introduction to College Writing
0 credit
Students will develop their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. Pass or fail.

CMP-115
Introduction to Expository Writing
3 credits
Students will develop college-level skills in critical reading of challenging texts and in writing expository essays responding to those texts.

CMP-120
Expository Writing
3 credits
Students will increase their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. The second of the department’s three-course composition sequence, CMP-120 must be taken by students who have successfully completed CMP-115 or who have attained a 530 or above on the critical reading section of the SAT or a score of 4 or above on the English department placement test.
CMP-125
Research Writing
3 credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. Prerequisite: CMP-120.

CMP-203
Literature and Composition
3 credits
Students will write research papers and do library research through the use of literary materials. The course emphasizes increasing the comprehension of ideas and experiences by means of selected readings and is open to students who receive a grade of “A” or “B” in CMP-120; it may be used as a substitute for CMP-125. Spring.

ENG-205
Understanding Literature
3 credits
The novel, the short story, drama, and poetry are studied, with a view to the insights to be gained from literature.

ENG-206
Introduction to Creative Writing
3 credits
A workshop that introduces students to basic conventions and techniques of creative writing. Students will read and study published writing in multiple genres, such as short fiction, drama, poetry, and creative nonfiction, and write and revise their own creative pieces.

ENG-208
Arthurian Legends in Literature
3 credits
The legends attached to King Arthur and the Knights of the Round Table have become cultural touchstones in England and the United States. This survey of medieval to contemporary Arthurian literature examines the legends and their written versions within their respective cultural, historical, philosophical and aesthetic contexts.

ENG-210
Major American Authors
3 credits
An introductory course focusing on major American poets, novelists, essayists, and playwrights.

ENG-211
Major British Authors
3 credits
An introductory course focusing on major British poets, novelists, essayists, and playwrights. Students will learn to understand, interpret, and evaluate literary works.

ENG-213
Literature and Mythology
3 credits
The interrelationships that exist between literary works and folklore, ritual, and religious scriptures and beliefs are explored. The primary emphasis is on analyzing the presence of mythic patterns in specific literary works; the secondary emphasis is on theories of mythology.

ENG-215
Satire and Comedy
3 credits
Explores these two related modes of literature with the primary emphasis on satire. Possible readings include works by Euripides, Jonson, Shakespeare, Moliere, Voltaire, Pope, Swift, Dickens, Twain, Wilde, Waugh, Orwell, and Heller.

ENG-217
Introduction to Shakespeare
3 credits
Students in this course study Shakespearean drama on an introductory level through close reading, analysis, and discussion of selected plays. They learn the relevance and importance of Shakespeare’s themes, characterizations, and imagery.

ENG-220
Literature and Society
3 credits
Literature is examined, emphasizing human behavior as it relates to such social phenomena as war, alienation, social disorganization, injustice, and poverty.

ENG-221
Literature and Psychology
3 credits
Students will study Freudian and other psychoanalytical concepts as they appear in literature, plus psychological patterns of behavior such as aggression, frustration, and submission, that have been utilized by creative literary artists to expand the reader’s understanding of the human experience.

ENG-226
Introduction to Film
3 credits
Focuses on various cinematic techniques used to develop underlying thematic and symbolic concepts and to manipulate the audience. Analyzes classical shorts and features for their masterful use of visual language.

ENG-228
Black American Literature
3 credits
A survey of writings by black Americans, presented historically from early slave narratives through emancipation, reconstruction, the Harlem Renaissance, and literature from the 1930s to the present.

ENG-229
Multi-Ethnic Literature in America
3 credits
Surveys the literature of various ethnic groups. Includes five groups of writers (other than black Americans): native American (Indian Americans); Asian American; Hispanic American; Jewish American; and, white ethnic writers.

ENG-230
Women in Literature
3 credits
A range of literary presentations of the female experience and of the conditions of women’s lives is explored. These works are placed in historical and social contexts in order to see behind and beyond traditional literary conventions.

ENG-240
Methods of Literary Analysis
3 credits
The study and application of various modes of literary criticism practiced in this century, including formal, structural, psychological, and sociocultural methods of analysis. Required of all English majors.

ENG-250
Literary History I
3 credits
Surveys British literature beginning with the Old English epic of Beowulf and ending with the British Romantic writers of the early 1800s. There will be an emphasis on the cultural and historical contexts of the works discussed as well as an appreciation for the aesthetic qualities of the individual texts and the characteristics of literary movements. This course is a prerequisite to ENG-251 and is required of all English majors and minors.

ENG-251
Literary History II
3 credits
Surveys American and British literature since the 1820s. There will be an emphasis on the cultural and historical contexts of the works discussed as well as an appreciation for the aesthetic qualities of the individual texts and the characteristics of literary movements. Required of all English majors and minors. Prerequisite: ENG-250 or permission of the instructor or chairperson.
ENG-270
Major Poets
3 credits
Studies major American and British poets.

ENG-280
Special Topics in Literature
3 credits
Uses literary works to achieve insights into different areas of human experience. Topics change annually as announced by the English department.

ENG-284
Language of Film Analysis
3 credits
Provides students with the fundamentals necessary for achieving beginning proficiency in methods of cinema studies scholarship. The course provides an in-depth introduction to concepts of film analysis, theory, and history, as well as to the field of cinema studies as an academic discipline. Through close analysis of selected films and readings, students will examine the various and complex ways in which formal elements shape meaning. Students will also study key concepts in film theory, applying these concepts as a further means of understanding the ways in which film positions viewers and mediates ideology. Required of all English majors and minors with a cinema studies concentration.

ENG-290
The Short Story
3 credits
Presents the development of the short story from the 19th century to the present with an emphasis on the techniques of plot, setting, characterization, theme, and point of view.

ENG-303
Creative Writing: Poetry
3 credits
A workshop analyzing the techniques of poetic expression, with a focus on the student's original experiments in traditional and contemporary verse forms. Prerequisite: completion of composition requirements or permission of instructor.

ENG-304
Creative Writing: Fiction
3 credits
Students write original fiction and analyze the techniques of writing fiction in discussion of both their own drafts and published examples of the form. Prerequisite: completion of composition requirements or permission of instructor.

ENG-305
Creative Writing: Nonfiction
3 credits
Students will study the forms of creative nonfiction—the personal essay, memoir, travelogue, reflective essay, nature writing, and other types of literary essay—and write essays of their own, informed by models they have read and discussed in class. Students will receive feedback on their drafts and revise them for a portfolio that will be turned in at the end of the semester. Prerequisite: completion of composition requirements or permission of instructor.

ENG-311
Creative Writing: Playwriting
3 credits
A workshop teaching and analyzing how students write for the stage that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for theatrical performance. A portfolio of revisions will serve as a final for the course.

ENG-312
Creative Writing: Screen Writing
3 credits
A workshop teaching and analyzing how students write for the screen, both television and film, that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for production. A portfolio of revisions will serve as a final for the course.

ENG-315
Topics in Specialized Writing
3 credits
A workshop in which students will write on specialized topics chosen by the instructor. Prerequisite: completion of composition requirements or permission of instructor.

ENG-316
Theories of Writing and Tutoring
3 credits
A workshop on writing and tutoring theory for students interested in becoming writing tutors or teachers. Prerequisites: minimum GPA 3.0, sophomore standing, and permission of the instructor.

ENG-321
Workplace Writing: Business and Professional Contexts
3 credits
A workshop in writing effectively to achieve specific practical purposes in various professional and workplace environments. Prerequisite: completion of composition requirements or permission of instructor.

ENG-322
Workplace Writing: Grant Proposals, Fundraising and Development
3 credits
Students employ their analytical and writing skills to research and write grants for non-profit organizations in their local or regional communities. Fundraising and development activities on behalf of area organizations introduce them to career opportunities in this growing field. Prerequisite: completion of composition requirements or permission of instructor.

ENG-323
Workplace Writing: Reviewing and Publishing
3 credits
Students learn to write analytical book reviews and arts criticism through studying the work of prominent critics in literature, theatre, film, dance, visual arts, music, and food. Students learn how to market themselves as potential reviewers for print and Internet-based publications. Prerequisite: completion of composition requirements or permission of instructor.

ENG-331
Medieval Literature
3 credits
A seminar in Old and Middle English authors, such as Bede, Chaucer, and Kempe, and texts, such as Beowulf, moralities, and mystery cycles. Students may be introduced to linguistic issues, historical and political concerns and critical topics such as literacy, canon formation, and gender.

ENG-333
16th-Century Literature
3 credits
A seminar on Renaissance literature including such writers as More, Wyatt, Surrey, Spenser, Sidney, Shakespeare, and Marlowe.

ENG-335
17th-Century Literature
3 credits
A seminar on literature in England from 1600 to 1660, including such writers as Donne, Jonson, Browne, Herbert, and Marvell.

ENG-340
Restoration and 18th-Century Literature
3 credits
A seminar on literature in England from 1660 to 1800, including such writers as Astell, Pope, Finch, Swift, Defoe, Fielding, and Wollstonecraft.
ENG-345
Romantic Literature, 1780–1830
3 credits
A seminar on literature in England from 1780–1830, emphasizing a close study of the poetry of Blake, Wordsworth, Coleridge, Shelley, Byron, and Keats.

ENG-346
Victorian Literature, 1830–1900
3 credits
A seminar on literature in England from 1830 to 1900, emphasizing close study of the literary culture, including such writers as Dickens, Browning, Mill, and Ruskin.

ENG-347
20th-Century British Literature
3 credits
A seminar on literature in the United Kingdom from 1900 to 1960, emphasizing formal experiments as well as historical contexts, and including such writers as Joyce, Woolf, Beckett, Rhys, Delaney, and Eliot.

ENG-348
Contemporary British Literature
3 credits
A study of contemporary literature written in English after 1945, in the U.K. and elsewhere, by writers of British, Irish, Scots, Welsh, and other cultural traditions. Poetry, fiction, literary essays, and drama will be included.

ENG-351
19th-Century American Literature
3 credits
A seminar on literature in the United States from 1800 to 1900, emphasizing literary genres and the definition of an American literature as distinct from English literature.

ENG-352
20th-Century American Literature
3 credits
A seminar on American literature from 1900 to 1967, including such writers as O’Neill, Hemingway, Faulkner, Porter, Richard Wright, Stevens, Moore, and Williams.

ENG-353
Contemporary American Literature
3 credits
A seminar on American literature from 1945 to the present.

ENG-362
The Novel
3 credits
A close reading of novels from various historical periods and cultures.

ENG-363
The Drama
3 credits
A close reading of drama, with attention to cultural contexts and the genres of tragedy and comedy.

ENG-364
The Poem
3 credits
A close reading of poetry, with attention to historical periods and poetic genres.

ENG-365
Short Fiction
3 credits
A close reading of short fiction from a variety of cultures, with attention to the various genres of short fiction: short-short, short story, long story, and novella.

ENG-371
Classics of Children’s Literature
3 credits
An analytic study of classic and contemporary literature for children. Students will be introduced to a variety of critical approaches, including psychoanalytic, social/historical and feminist. The course may be of particular interest, but is not restricted, to students majoring in education or psychology.

ENG-372
Children’s Literature: The Adolescent Experience
3 credits
A seminar on literature that is of special interest to readers in the middle grades through high school, including canonical and contemporary authors. Genres may include historical novels, coming-of-age stories, science fiction and fantasy.

ENG-381
Studies in Film Genre
3 credits
Provides an in-depth examination of a variety of film genres (such as the gangster film, the western, the musical, the screwball comedy, the science fiction film, and the horror film, among others), to be examined through the perspective of film genre theory. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing specific genres, and will trace the development of those genres within the dual contexts of the film industry and cultural ideology.

ENG-382
Comparative Film Directors
3 credits
Provides an in-depth comparative study of major American, international, independent and avant-garde filmmakers. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing the work of individual directors and will draw meaningful comparisons among directors sharing similar aesthetic and thematic approaches. Students will trace the artistic development of directors through their careers, assessing individual works in the context of film criticism and theory, and in the context of multi-layered intertextual influences.

ENG-383
Global Cinemas
3 credits
Provides an in-depth study of the history and defining characteristics of national cinemas. Through close analysis of selected films and readings, students will examine the general movements within the history and development of various national cinemas, with attention to film historiography when considering how patterns are to be viewed in light of the culture, politics, and history of a particular producing nation. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice.

ENG-384
Film Adaptation
3 credits
Provides an in-depth study of intertextual influence, as film enters into “dialogue” with various literary forms. Through close analysis of selected films and various forms of literature—including novels, graphic novels, short stories, plays, poetry, and journalism—students will study the aesthetic specificity of both film and literary genres and will analyze the transformative qualities at play when a work is adapted from page to stage or screen.

ENG-400
Advanced Creative Writing
3 credits
An advanced workshop in creative writing. Prerequisite: completion of composition requirements or permission of instructor.
This course is cross-listed as ACC-335.

This course is cross-listed as FIN-350.

This course is cross-listed as MGT-348.

A student must achieve a course grade of "B+" or better to be graduated with honors in English. Qualified majors may apply for honors in their senior year. Upon approval from the department of English, a candidate for honors enrolls in Advanced Study, writes a thesis, and submits it for departmental approval. The student must achieve a course grade of "B+" or better to be graduated with honors in English. Prerequisites: senior standing; 3.5 GPA in English; 3.25 cumulative GPA. Note: This course is cross-listed as ACC-335. Students may not get credit for both ACC-335 and ENT-335.

**Entrepreneurial Studies (ENT)**

**ENT-335 Small Business Taxation**  
(For non-accounting majors only)  
3 credits  
This course provides an understanding of the key tax issues faced by small businesses and their business implications. It also familiarizes prospective business owners with various tax filing requirements so that they can use the expertise of tax professionals more effectively. Prerequisite: ACC-210.  
Note: This course is cross-listed as ACC-335. Students may not get credit for both ACC-335 and ENT-335.

**ENT-348 Small Business Management**  
3 credits  
The role of small business in the American economy is examined. Favorable practices, policies, functions, principles and procedures of and for the small business entrepreneur and owner-manager are studied. Includes learning a method to evaluate a new venture idea. Prerequisite: MGT-201 or permission of instructor and junior standing.  
Note: This course is cross-listed as MGT-348. Students may not get credit for both MGT-348 and ENT-348.

**ENT-350 Entrepreneurial Finance**  
3 credits  
This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as these impact the process of financing the venture’s growth. Prerequisite: FIN-300.  
Note: This course is cross-listed as FIN-350. Students may not get credit for both FIN-350 and ENT-350.
ENT-360
Family Business Management
3 credits
(Formerly CBA-350) This course is directed at understanding the family-owned and managed firm. Topics include are the strengths and weaknesses of a family firm, the dynamics of the family and business interactions, conflict resolution, succession planning and ownership transfer. The course will help individuals involved with a family firm, regardless if they are a family member. Prerequisites: MGT-201 and junior standing.

ENT-410
New Venture Planning
3 credits
(Formerly BUS-410) This course will require students to select a business and prepare a complete new venture plan for it. This plan would identify the product and its target market, analyze its market potential, choose the location, scale of operation, layout, staffing, type of financing, estimate the revenues and profits, and present the income statement, balance sheet, and the cash flow projections. Prerequisites: MGT-348 or permission of instructor.

ENT-420
Student Venture Experience
3 credits
Students will start and run a small business while under the supervision and guidance of faculty. Students will take a business plan developed through New Venture Planning (ENT-410) and execute it. Students will experience the launch process and learn, hands on, how to adapt to the marketplace. Some businesses started in this class may also be eligible for seed venture funding from Rider. Prerequisites: ENT-348, ENT-410, and permission of instructor.

ENT-448
Seminar in Small Business Consulting
3 credits
This course utilizes student teams to assist existing small businesses in solving problems or researching opportunities. Students will spend the majority of time in the field utilizing an experiential learning approach. Weekly activity logs, proposal development, and project completion are required. Restricted to seniors. Prerequisite: MGT-348 and permission of instructor. Spring.

Note: This course is cross-listed as MGT-448. Students may not get credit for both MGT-448 and ENT-448.

FIN-200
Managing Your Money
3 credits
An introduction to the analysis of a wide range of financial decisions which individuals encounter over their careers and lifetime. Topics include financial goals, tax planning, home ownership versus renting, consumer credit, money management and investments, and managing risk with insurance. This course is open to all Rider students, and it counts as a free elective or a business elective. Prerequisites: permission of instructor and junior standing.

FIN-300
Introduction to Finance
3 credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management. Prerequisites: ACC-210 and permission of instructor.

FIN-305
Personal Financial Planning
3 credits
This course provides practical applications in personal financial budgeting, use of credit, selection of banking services, insurance needs, real estate, decisions on investment, tax planning, and retirement planning. The focus of the course is to provide the student with not only the tools to manage personal finance, but also the foundation for understanding the process of personal financial planning. Prerequisite: FIN-300.

FIN-400
Independent Research and Study
3 credits

FIN-491
Entrepreneurial Studies Internship
3 credits
Students will work in a small firm in a significant management capacity and apply entrepreneurial skills in a real world setting. Requirements include a journal of activities, a written paper presented to the intern's director, and a report by the firm on the intern's performance. Class is pass/fail and counts as a business or free elective. Prerequisites: permission of instructor and junior standing.

FIN-490
Independent Research and Study
3 credits

FIN-307
Financial Markets and Institutions
3 credits
An introduction to the organization and behavior of financial markets and institutions in the economy. The factors determining security prices and interest rates in the money and capital markets are analyzed. In addition, market returns, institutional portfolio choices, the regulatory environment and monetary policy are examined. Prerequisites: ECO-200 and junior standing.

FIN-308
International Finance
3 credits
Financial management in the international environment. Topics include balance of payments accounting and adjustments, foreign exchange and country risk management, and the evaluation of foreign investment opportunities. Prerequisite: FIN-300.

FIN-310
Capital Budgeting
3 credits
Using a case and problem-solving orientation, selected topics in financial management are examined in depth. The emphasis is on the evaluation of foreign investment opportunities. Prerequisites: FIN-300.

FIN-311
Corporate Financing Decisions
3 credits
This course examines long-term corporate financing decisions and the interaction of investing and financing decisions. Topics include capital structure, dividend policy, the investment banking process, long-term financing instruments, mergers and corporate restructurings, and strategic financial planning. Cases and problem solving are emphasized. Prerequisite: FIN-300.

FIN-312
Investments
3 credits
The fundamentals of investing in stocks, bonds, and other negotiable instruments are covered. Major topics include trading on securities markets, mutual funds, international investing, margin accounts, short sales, determinants of securities prices, and investment risks. Stock options, financial futures, convertible securities, and implications of taxes on investment decisions are also discussed. Prerequisite: FIN-300.
**FIN-315 Financial Modeling** 3 credits
This course provides instruction in computer use beyond that available in other finance courses. Topics include more sophisticated applications of computers in finance. Students work on cases and projects which require more advanced usage of spreadsheets and other personal computer software. Some work on the mainframe also might be included. Prerequisite: CIS-185 and FIN-300.

**FIN-330 Corporate Cash Management** 3 credits
This course is designed for business students seeking an understanding of modern principles and techniques for corporate treasury management. The course material is useful for finance, accounting, and banking professionals or small business owners. Topics include analysis of liquidity and solvency, credit and accounts receivable management, cash collection and disbursement systems, short-term investment and borrowing, management of treasury information and technology, multinational cash management, and other related topics. Prerequisite: FIN-300.

**FIN-340 Principles of Risk Management** 3 credits
This course examines the risk management process as applied to the firm as a whole. It integrates the management of all risks facing the firm: strategic, financial, hazard, and operational. Techniques for identifying risk, measuring and analyzing it, and selecting an appropriate treatment will be explored including the role of insurance and capital markets. Prerequisite: FIN-300. Spring.

**FIN-350 Entrepreneurial Finance** 3 credits
This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as these impact the process of financing the venture's growth. Prerequisite: FIN-300.

**FIN-380 Real Estate** 3 credits
An examination of real estate finance and related subjects in real estate. Topics include measuring cash flows and taxes, valuation methods for real estate investment decisions, location and value in real estate, home ownership, legal matters, and financing methods and techniques. Prerequisite: FIN-300.

**FIN-399 Finance Co-op Experience** 6 credits
The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their finance and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Eligible students include finance majors with at least junior status, a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in any finance coursework completed prior to the submission of the co-op application. Co-op credits can be applied toward business or free elective requirements but not toward finance elective requirements for majors. Grading is on a pass/fail basis. Prerequisite: FIN-300.

**FIN-412 Investment Analysis and Portfolio Management** 3 credits
Real-world application of the concepts and techniques of investment analysis and portfolio theory introduced in FIN-312. Students interact with and make recommendations to professional portfolio managers. Topics include analysis and forecasts of business conditions, market interest rates, international opportunities, and corporate profits. Emphasis is placed on the valuation of securities, stock selection, investment timing, technical analysis, and management of portfolio risk with options, futures, and other tools. Prerequisite: FIN-312 or permission of instructor.

**FIN-469 Special Topics in Finance** 3 credits
This course is occasionally offered, with the topics and prerequisites set by the finance department.

**FIN-490 Independent Research and Study** 3 credits
Topic to be approved in advance by supervising instructor, department chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation. Normally this course is used as a business or free elective, but with prior approval it can be used as a finance elective.

**ART-103 Fundamentals of Drawing** 3 credits
An intensive study of drawing techniques in two-dimensional design. Prerequisite: CIS-185 and FIN-300.

**ART-104 Survey of Art History I** 3 credits
The history of Western art—architecture, sculpture, painting—from prehistoric times through the Middle Ages, emphasizing the relation between the arts and ideas of each period. Fall.

**ART-105 Design** 3 credits
Basic concepts of composition, form, texture, value, and color in two-dimensional design are explored.

**ART-106 Survey of Art History II** 3 credits
The history of Western art—architecture, sculpture, painting—from the Renaissance to the present, emphasizing the relation between the arts and ideas of each period. Spring.
ART-120
Art and Society: The Visual Experience in Human History
3 credits
Masterpieces of architecture, painting, and sculpture are related to their historical periods, providing an appreciation for and understanding of the vital interaction of art and society.

ART-199
The Arts in Contemporary Civilization
3 credits
An integral study of the arts and their place in contemporary American life. Includes attendance at several events in art, music, and drama. Spring.

ART-201
Art of the Ancient World
3 credits
The arts of ancient man from prehistoric times to the fall of the Roman Empire.

ART-204
Fundamentals of Painting
3 credits
Introduces students to the materials and techniques of oil or acrylic painting. Emphasis on experimentation and the development of individual expression in a variety of subject matters. Prerequisite: ART-103 or concurrently.

ART-207
Medieval and Renaissance Art
3 credits
A study of the major monuments of architecture, painting, and sculpture created in western Europe between 300 and 1600. Particular emphasis on the history of Christian art, from its beginnings in the Roman catacombs, to the great monasteries and cathedrals of the High Middle Ages, to the revival of ancient Roman grandeur and forms in the Renaissance.

ART-209
Art of the Baroque
3 credits
The art of the 17th century in southern and northern Europe.

ART-214
American Art
3 credits
The development of the arts from colonial America to World War I. Discusses major economic, social, and political factors that influenced the course of American art history.

ART-227
Gallery Management
3 credits
Designed to provide students with the experience of working in all aspects of art gallery management. It is intended for students regardless of their major who wish to add the dimension of art to their college experience through direct hands-on curatorialship of the Rider Art Gallery. Spring.

ART-230
Three-Dimensional Design
3 credits
Beginning problems in traditional sculptural materials (clay, wood, stone) and design-construction in mixed media. Spring.

ART-303
19th-Century Art
3 credits
An in-depth study of the major art movements in 19th-century Europe, from Neoclassicism to Postimpressionism.

ART-304
Drawing II
3 credits
Studies the art of drawing beyond the introductory level with an emphasis on greater self-expression, advanced technical skills, and a variety of drawing media. Prerequisite: ART-103.

ART-305
Intermediate Painting A-B-C
3 credits
Studio courses designed to expand the student’s creative experience in painting with emphasis of greater self-expression. Students will be presented with specific painting projects that originate from conceptual or perceptual responses to reality (still life, landscape, figure) and to imagination (dreams, fantasy, invention). Class trips to galleries and museums are included. May be taken three times. Prerequisite: ART-204.

ART-306
Art of the 20th Century
3 credits
The major artists and movements in the history of 20th-century painting and sculpture from Postimpressionism. Slide lectures, class discussion, field trips.

ART-335
Printmaking
3 credits
A studio introduction to various traditional and contemporary relief printmaking techniques.

ART-490
Independent Research and Study
1–4 credits

ART-491
Internship in Art
1–4 credits
Provides junior or senior fine arts majors with concentrations in art the practical experience of working with a museum or professional art gallery. Students must be sponsored by an art professor. For each academic credit, interns must work 48 hours for the semester or approximately 3.7 hours each week. Prerequisite: permission of instructor.

ART-492
Advanced Studio Workshop
3 credits
Intensive course in various media for students working at an advanced level in studio disciplines. A high level of achievement is expected. May be taken more than once for credit. Prerequisites: two upper-level studio courses.

ART-495
Selected Topics in Art History
3 credits
An intensive study of a particular art history topic, e.g., a single artist, artistic center, or artistic medium. Slide lectures, class discussion, field trips, class reports. Topics to be announced.

ART-499
Senior Honors Program
3 credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, planned under the direction of a faculty advisor, represents a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.
Fine Arts: Dance (DAN)

All dance studio courses are taught at the Princeton Ballet Society, Princeton, New Jersey. Students are responsible for their own transportation.

DAN-100
Dance Fundamentals
1 credit
Dance 100 is designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for two classes per week at the Princeton Ballet School. One additional hour per week is comprised of video observation, lecture, or readings, and is taught at Rider's Lawrenceville campus. Prerequisite: permission of dance advisor.

DAN-105
Survey of Dance History
3 credits
An introductory course to familiarize students with the breadth and depth of dance in human society. It will chronologically examine dance through four lenses: Dance and Community, Dance and Religion, Dance and Politics, and Dance as Art. Students will be exposed to various dance forms from around the world with varying purposes, functions, and motivations from the beginning of recorded history to present.

DAN-210
Rider Dances: Repertory and Production
3 credits
This course provides an in-depth experience with the art of dance production from creation to performance. Students will be chosen to learn and perform repertory: fulfill technical roles such as sound, lighting and costume design; and assume production and managerial responsibilities such as promotion, publicity, front of house management and stage management. Prerequisite: permission of instructor.

DAN-300
Dance Studio and Lecture
2 credits
Dance 300 series is also designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for four classes per week at the Princeton Ballet School. One additional hour is comprised of video observation, lecture, or readings and is held at Rider's Lawrenceville campus. Prerequisite: permission of instructor.

Students choose studio classes Dance 100 and Dance 300 from the following:

Ballet I–VI
The syllabus of the Princeton Ballet School is designed to allow dancers to find how their particular bodies can approach the technique. The classes go slowly through six levels emphasizing the hews and whys of technique so that safe work habits, personal responsibility and concentration become second nature through the learning of the extensive ballet vocabulary. Lower levels begin the formal study of ballet and progress through pointe work, epaulement, and presentation. Placement is by evaluation only.

Jazz I–III
Jazz classes range from current cultural trends to advanced theatrical dance for the stage. Jazz I is a basic class for the new student and includes a warm-up, stretching, turns, and a combination. Jazz II and III assume progressively more training in ballet, modern dance, or jazz dance styles.

Modern Dance I–III
The study of modern dance begins with an introduction to the basic concepts of center, space, time, and energy in relation to dance. Correct alignment, proper breathing, energy paths and musicality are explored in creative ways. Movement is generated to meet the demands of what is being expressed. Some improvisational work is common.

Spanish Dance I–III
These classes progress through three levels as they explore the techniques that make up Spanish dance. Emphasis is on classical and flamenco, with additional work in regional dance, and includes the study of castanets.

Pilates Mat Class
Pilates Mat Class is an intensive exercise class based on the Pilates method. The class is designed to increase awareness of and develop critical muscle groups for good dance technique such as abdominals and rotators; and increase overall muscular strength and endurance, and flexibility.

Accelerated Adult Ballet (Open Enrollment) I–IV
Ballet I
For the adult beginner, or for those returning to the study of ballet. The basic barre work and placement are introduced. Study of many petit allegro steps and turns are begun. The lecture component concentrates on vocabulary and terminology.

Ballet II
This class assumes knowledge of the basics of the ballet barre and some center work, including pirouettes. Students should have one or more years of ballet training. Lectures include some history.

Ballet III
For students with a strong background this class will assume knowledge of en dehors and en dedans pirouettes and most petit allegro steps. Students will begin to study particular dancers, choreographers, and ballets.

Ballet IV
A challenging class for adults which assumes extensive knowledge of ballet vocabulary and good ability to learn combinations. Student will design individual research projects.

Movement Fundamentals
This class approaches the techniques of ballet, modern dance, and jazz dance through guided, experiential, anatomically sound movement principles. Designed specifically for and required by all Rider dance minors and majors upon entering the dance program. Fall.

Choreography
This class will explore dynamics, rhythm, gesture and motivation as they relate to each other and the other elements in the art of dance composition. Students will create studies both in and out of class. Designed for Rider University dance majors, this course will also accept community members.

Tap
Tap is a form of dance dedicated primarily to making rhythm audible through the feet and body. Classes in tap dance include a warm-up, skill development, and choreography. Styles range from those of the 1950s through musical theater and current trends.

World Dance Forms
This is an inter-generational dance class, which explores dances from cultures in the United States and around the world. Guest artists, with expertise in a particular dance form are often brought in to teach master classes. Each dance is contexted by an understanding of the form: where, how, when, and by whom it is performed and its function in society.
DAN-350
History of Ballet, Modern and Jazz Dance
3 credits
Studies the major periods in the development of Western Theatrical Dance from the Renaissance to the present focusing on ballet, modern, jazz, tap and musical theater dance. The course will examine the ideas and individuals that caused the development of theatrical dancing with particular attention paid to significant dancers, choreographers, producers, designers and productions.

DAN-490
Independent Research and Study
1–4 credits

DAN-491
Internship in Dance
1–4 credits
Provides junior or senior fine arts majors with concentrations in dance the practical experience of working within an educational or professional dance environment. Students must be sponsored by a dance professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week. Prerequisite: permission of instructor.

DAN-495
Selected Topics in Dance History
3 credits
Intensive study of a particular topic in dance history or theory. This may include one era, movement or nation’s dance history and practice. Students will become deeply involved in an area through research, class discussions and group projects.

DAN-499
Senior Honors Program
3 credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Fine Arts: Music (MUS)

MUS-105
Survey of Music History I
3 credits
A chronological survey of Western music from the Medieval period through the Renaissance. Emphasis is placed on the development of musical forms, musical styles, and the important composers before 1750. The relation between the music and the aesthetic movements of each period is studied. Fall.

MUS-106
Survey of Music History II
3 credits
A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied. Spring.

MUS-110
Elementary Music Theory
3 credits
A practical introduction to the basic elements of music, beginning with the reading of music notation. Practice in scales and chords; ear-training in rhythm and pitch. Techniques may be applied to the student’s own instrument (e.g., guitar, piano, winds) if he or she plays one. Fall.

MUS-111
Intermediate Music Theory
3 credits
Continuation of Music 110, leading to some original composition. Prerequisite: MUS-110.

MUS-120
Music and Society
3 credits
Introduction to the basic elements of music (rhythm, melody, harmony, etc.) and the appreciation of representative types of music from all historical periods.

MUS-127
Instrumental Ensemble—Band
1 credit
Ensemble rehearsal and performance of traditional and current concert band music. Maximum of eight credits are accepted in band, choir, and/or theater production.

MUS-128
Choir
1 credit
A performing group that presents a concert each semester. Opportunity given for solos and small ensembles. Even though no audition is required, those who have had some previous choral or singing experience are encouraged to join. Maximum of eight credits are accepted in choir, band, and/or theater production.

MUS-130
Music in Children’s Lives
3 credits
Students in this course will study how music interacts in the lives of children as they sing, listen, play instruments and move. Song repertoirer and selections for listening and moving from the American, European and non-Western cultures will be introduced. Playing recorder as well as pitched and non-pitched percussion instruments will be demonstrated.

MUS-131
Beginning Piano I
3 credits
Class approach to learning to play the piano. How to read music, basic piano technique, and appropriate piano pieces and songs are studied. Fall and spring.

MUS-132
Beginning Piano II
3 credits
Continuation of Music 131. Emphasis on further development of technique and the ability to interpret piano music from a variety of styles. Prerequisite: MUS-131 or equivalent. Spring.

MUS-199
The Arts in Contemporary Civilization
3 credits
An integrated study of the arts and their place in contemporary American life. Includes study of events in art, music, and drama.

MUS-207
Masterworks in Music
3 credits
Major works by great composers from different historical periods—Mozart, Beethoven, Brahms, and Wagner, among others—are studied. Up to 10 compositions by six composers are covered, with an emphasis on listening to recorded and live performances of representative works.

MUS-208
Music of the Theater
3 credits
A study of music drama both historical and contemporary covering European opera of the Baroque, classical and romantic periods, and the American musical theater, especially the contemporary Broadway musical.
MUS-209
Great Composers
3 credits
A study of selected major composers—life, works, and historical significance—with an emphasis on the listening experience. Bach, Mozart, Beethoven, Tchaikovsky, Stravinsky, or others.

MUS-233
Intermediate Piano
3 credits
Continuation of Music 132 with further development of reading skills, piano techniques and interpretation. Each student studies a set of pieces selected together with the instructor tailored specifically to the students’ needs and interests.

MUS-300
Beethoven and the Romantic Age
3 credits
A study of the Romantic period with particular emphasis on Beethoven. The classical heritage, the transformation of that heritage into romantic terms, the prominent influence of Beethoven on 19th-century musical style.

MUS-303
Music Literature: Baroque Era
3 credits
A survey of European musical styles from c. 1600 to 1750, approached by listening to the music of the period, including Bach, Handel, and many lesser-known masters. Topics include the development of modern musical sound, instrumental forms, Lutheran and Catholic church music, and the beginnings of dramatic music.

MUS-306
Contemporary Musical Experience
3 credits
A survey of European and American musical styles of the late 19th and 20th centuries. Topics include postromantic music, neoclassicism, serialism, electronic music, and the current avant garde.

MUS-308
World Music
3 credits
The student is introduced to selected world cultures by listening to and analyzing specific music that is indigenous to each culture. The position and importance of the music within each society will be the main focus of the investigation. Comparing this music to the music of our American culture will provide a basis for judging and interacting with unfamiliar world cultures.

MUS-309
Film Music
3 credits
A study of music in feature film, documentary film, and television. A chronological survey of film music from silent to contemporary film, animated shorts, and television, with emphasis on listening to recorded performance of representative works.

MUS-312
The Arts Abroad
3 credits
A two-week trip abroad that includes a critical study of music and theater. Students are required to attend all performances, guided tours, and classes before and after the trip. A travel journal and final paper are required. A travel fee is required. Travel sites and artistic disciplines may vary from year to year. May be taken more than once for credit. Prerequisite: permission of instructor. Offered January only.

MUS-490
Independent Research and Study
1–4 credits
MUS-491
Internship in Music
1–4 credits
Provides junior or senior fine arts majors with concentrations in music the practical experience of working within a professional music environment. Students must be sponsored by a music professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week. Prerequisite: permission of instructor.

MUS-493
Selected Topics in Musical Performance
3 credits
Intensive study of a particular topic in applied music for the intermediate to advanced student. Students are led to understand the historic and aesthetic elements in music through critical listening, performance, research, and class projects.

MUS-495
Selected Topics in Music
3 credits
Studies specialized aspects of the literature, history, or theory of music, to supplement the established curriculum. Emphasis on creative investigative work and individual experiences in music.

MUS-499
Senior Honors Program
3 credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, planned under the direction of a faculty advisor, represents a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.
MT-207
Music Theater Vocal Coaching
3 credits
Vocal coaching and repertoire preparation with a focus in developing the skill sets required to research and prepare music theater repertoire. Special emphasis is given to creating and maintaining the professional audition book. Open to music theater majors only. Prerequisite: MT-101.

MT-209
Tap Dance I
2 credits, 3 hours per week
Introduction to the basic elements of tap dancing. Tap technique is geared to enhance rhythm and motor skills, basic elements that will be used to connect several steps and movements into combinations. Other variations such as “soft shoe” or “clogging” are included.

MT-210
Tap Dance II
2 credits, 3 hours per week
Continuation of MT-209. Combinations most often used in music theater productions are emphasized. Prerequisite: MT-209.

MT-216
Acting for the Music Theater Major I
3 credits
This professional skills course, intended for music theater majors, builds upon the student’s previous acting training. Through various exercises and activities (both individual and group), the student will begin to develop a clear method for preparation that addresses first their own instrument, and then (through various methods of analysis) the character and the play. Students will begin to utilize and apply the studied techniques and exercises to simple monologues and a scene. Behavioral truth will precede the more sophisticated studies of emotional truth.

MT-217
Acting for the Music Theater Major II
3 credits
Continuation of MT-216. Methods for preparation are expanded, as students learn and experience techniques for exploring and developing characters. This semester will focus on the application of the skills and acting techniques studied in the first semester to the needs of dramatic and sung material. Students are expected to synthesize content and skills acquired in the Speech for the Actor, Body Awareness and Movement classes. Prerequisite: MT-216.

MT-317
Music Theater Auditions: Preparation and Technique
3 credits
This course, building upon skill-sets established in the Music Theater singer-actor curriculum, introduces and hones the skill-sets critical to preparing for auditions. Genres and styles of music most often required for auditioning in the industry will be prepared and explored. An audition “book,” based upon the demands of the industry, as well as the most suitable material for each student will be built. When appropriate, guests from the industry will be invited to present master classes and evaluations in a “mock audition” process. Prerequisites: MT-207, MT-216, MT-217, MT-492, and MT-496.

MT-309
Jazz Dance I
2 credits, 3 hours per week
Based upon the ballet foundation, this course explores the expressive style of jazz dance, and basic Western theatrical dance forms and social dances used most often on the stage. Prerequisite: MT-109.

MT-310
Jazz Dance II
2 credits, 3 hours per week
Continuation of MT-309. Prerequisite: MT-309.

MT-335
Speech for the Actor
3 credits
This course introduces and develops speech techniques, specifically in the areas of relaxation, posture and alignment, respiration, phonation, support, registration, resonance, and articulation. Students learn to consistently produce a free, resonant, fully supported speaking voice. Exercises will increase flexibility and range of speaking and will foster heightened responsiveness to feeling. Regular practice in the delivery of both impromptu and prepared monologues is required. This course includes studies in Neutral American Speech.

MT-401
Choreography
3 credits
This elective course studies the relationship between music, text, and movement, approached through exploration of various resources, including improvisation, use or ideas, knowledge of forms, and development of craft. The creative process includes movement using the various styles of dance used in music theater. It is recommended that students complete MT-480 before taking MT-401.

MT-402
Directing Music Theater and Opera
3 credits
This elective course investigates how conceptual ideas and the process of script analysis are used in putting together a music theater production for performance. Instruction includes staging ideas and elements needed for a complete production. Other theatrical aspects of choreography, properties, costumes, lighting, and set design are addressed. It is recommended that students complete MT-496 before taking MT-402.

MT-411
Music Theater Ensemble
1 credit, 3 hours per week
The performance-based, auditioned music theater ensemble engages multiple singers/dancers in performance, utilizing scenes from music theater literature as the primary material. Emphasis is placed upon group interaction and building an ensemble. This ensemble is often asked to perform for University sponsored events.

MT-480
Dance for the Performing Artist
3 credits
This course is a culmination of the dance elements and forms studied in ballet, tap, and jazz dance. Context areas include movement repertoire. Special emphasis is given to the various styles of dance used in music theater productions. Characters, properties, and scene work are used most often in performance of music theater. Context areas include movement and experience techniques for exploring and developing characters. This semester will focus on the application of the skills and acting techniques studied in the first semester to the needs of dramatic and sung material. Students are expected to synthesize content and skills acquired in the Speech for the Actor, Body Awareness and Movement classes. Prerequisite: MT-216.
**MT-496**
*Workshop in Music Theater*
3 credits
This class, building upon the foundational studies associated with preparation and exploration (both dramatic and musical), focuses on performances. Students are taught methods for synthesizing all former training in acting, music, and movement to the needs of the character and the play/score. Each student fully prepares at least two complete roles from the music theater repertoire. The class culminates in a performance of scenes—the Junior Cabaret! Prerequisites: MT-216, MT-217, MT-492.

**Fine Arts: Theater (THE)**

**THE-105**
*Theater History to 1700*
3 credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras. Fall.

**THE-106**
*Theater History Since 1700*
3 credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements. Spring.

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

**THE-110**
*Acting II: Scene Study*
3 credits

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

**THE-120**
*Theater Appreciation*
3 credits
By exploration of dramatic literature, conclusions are drawn as to man’s relationship to his particular period, style, political, social, and psychological environment. Appreciation of the theatrical event is included.

**THE-127**
*Theater Production*
1 credit
Students rehearse and perform roles in a play produced by the department and directed by a member of its faculty. Students may also prepare a major element of design or technology for the production. Maximum of eight credits are accepted in theater production, band and/or choir.

**THE-199**
*The Arts in Contemporary Civilization*
3 credits
An integrated study of the arts and their place in contemporary American life. Includes attendance at several events in art, music, and drama. Spring.

**THE-200**
*Acting for the Camera*
3 credits
Focuses on the craft and artistry of acting in television and film. Examination of TV production and the styles needed for work in various media will be discussed. Physicalization, simplicity, listening, marking and other technical requirements will be explored. Staging involving different camera angles will be rehearsed. The emphasis of this class is on adapting the performance to the special needs of the camera. Prerequisite: THE-107.

**THE-208**
*Acting III: Advanced Scene Study*
3 credits
Students will study in-depth techniques for exploring characterization. They will be introduced to the “magic if” and study techniques for placing themselves in the circumstances of the characters they are portraying. They will learn the interior and exterior analysis of characters using “Adler” and “Practical Aesthetics” techniques. Prerequisites: THE-107, THE-110.

**THE-209**
*Acting IV: Styles of Acting*
3 credits
Students will learn the appropriate techniques to explore characters in the three styles of Elizabethan, Restoration, and Commedia dell’arte theater. Sessions will include movement, effective speech, and finding appropriate actions for each style. Students will also learn proper research techniques to understand cultural influences on plays and characters. Prerequisites: THE-107, THE-110, THE-208.

**THE-210**
*Musical Theater Production*
3 credits
Provides an in-depth study of the collaborative process of mounting a musical theater production, from audition through performance. Students are chosen to rehearse and perform roles, fulfill technical responsibilities such as lighting, sound, or set construction, or fulfill managerial responsibilities such as assistant director or stage manager. Cannot be taken concurrently with THE-127 Theater Production. Prerequisite: permission of instructor.

**THE-217**
*Principles of Stage Design*
3 credits
The study and application of design principles and “Practical Aesthetics” techniques. Prerequisite: THE-107. Spring.

**THE-218**
*Stage Lighting*
3 credits
The theory and practice of stage lighting as utilized in concept, dance, and theater. Considers the nature of light, controlling light, color theory, electricity, electrical safety, and lighting design. Prerequisite: THE-115. Spring.

**THE-306**
*American Theater History*
3 credits
The history of the American theater from the colonial period to the present, emphasizing dramatic scripts and theatrical conventions. Examines important playwrights, theorists, and practitioners representative of each period of American history, emphasizing the 19th and 20th centuries.

**THE-307**
*Contemporary American Theater*
3 credits
Today’s most influential theater artists are discussed. Focusing on playwrights, the form and content of dramatic literature considered most significant today are examined along with recent innovations in design and staging practices.

**THE-308**
*Modern Drama*
3 credits
Surveys American and European drama from 1920 to 1970. All plays are read in English translation. In these plays, theatrical artists address the great themes of this century. While doing so, they also expand the limits of theatrical expression.
**Conducting (CR)**

**CR-109 Chapel Choir**
1 credit
Comprised of undergraduate students in their first year of study, Chapel Choir focuses on music for men’s, women’s, and mixed chorus. The ensemble provides the fundamentals of artistic choral ensemble singing and a foundation for all Westminster choral ensembles. Placement hearing required.

**CR-209 Schola Cantorum**
1 credit
Comprised of undergraduate students in their second year of study, Schola Cantorum focuses on music for mixed chorus and continues to build and refine the skills developed in Chapel Choir. This ensemble presents campus, community, and regional performances. Placement hearing required.

**CR-215 Fundamentals of Conducting**
2 credits
This course provides the foundation of conducting technique and philosophy as it relates to choral ensemble. Primarily, it deals with the development of basic pedagogical proficiencies, specifically alignment, Laban gestural vocabulary, breathing, beat patterns, consistent tempo, and the development of expressive gesture for relaying various styles of music, i.e., legato, staccato and marcato. Basic philosophical understandings concerning the human aspects of the music making process and the role the conductor plays in that process also are emphasized. Specific techniques for dealing with technical elements, e.g., fermata, dynamics, changes of tempo, contrasts in style, also are covered. The overall focus of the course is to establish the important relationship between ear, body, and the choral sound. Prerequisite: TH-141.

**THE-312 The Arts Abroad**
3 credits
A two-week trip abroad that includes a critical study of the music and theater. Students are required to attend all performances, guided tours, and classes before and after the trip. A travel journal and final paper is required. A travel fee is required. Travel sites and artistic disciplines may vary year to year. May be taken more than once for credit. Prerequisite: permission of instructor. Offered January only.

**THE-400 Directing**
3 credits
The technique of play directing and production management. Lectures present aesthetic and theoretical concepts that are explored in workshops. Each student is required to direct and analyze a one-act play. Prerequisites: THE-107, THE-110, THE-115. Alternate years.

**THE-410 Advanced Performance Workshop A-B-C**
3 credits
An opportunity to work an entire semester on a specific style or period of theater, e.g., Shakespeare, farce, Readers’ Theater. Prerequisites: THE-107, THE-108.

**THE-490 Independent Research and Study**
1–4 credits

**THE-491 Internship in Theater**
1–4 credits
Provides junior or senior fine arts majors with concentrations in theater the practical experience of working within a professional theater environment. Students must be sponsored by a theater professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week. Prerequisite: permission of instructor.

**THE-495 Selected Topics in Theater History**
3 credits
Intensive study of a particular topic, such as the work of one dramatic movement, one period in dramatic history, or one nation’s history. Students become deeply involved in an area through research, class discussions, and individual consultation with the instructor.

**THE-499 Senior Honors Program**
3 credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

**Additional Courses Required in B.Music—Music Theater and B.Arts—Music majors on the Lawrenceville campus during 2008–2009**

**Arts and Sciences**

**AR-315 History of American Music Theater**
3 credits
The history of the American Musical from the first American production in 1750 of Gay’s The Beggar’s Opera up to the present will be traced. Emphasis will be placed upon those common elements which are solely intrinsic to the American stage. Developments and imported ideas (e.g., the British Invasion) will be highlighted.

**LL-037 College Reading and Writing**
0 credits, 3 hours per week
Required for students placed into this course as a result of the basis skills English testing program. This intensive course reviews effective reading, writing, and study processes and leads students to the level of mastery required to begin LL-131 English Composition the following semester.

**LL-131 English Composition**
3 credits
An intensive essay writing course that provides students with the analytical, rhetorical, and research skills needed to write well in many disciplines. Source-based writing is emphasized, culminating in a significant research project. In-class and outside-class writing methods are explored, leading students to master their individual writing processes. Prerequisite: LL-037 or satisfactory score on basic skills English test.
CR-315
Techniques of Conducting
3 credits
Continued development of conducting technique with emphasis on more complex styles and patterns, and on communication through appropriate gestures. Further improvement in conducting various dynamics and articulations, as well as more effective use of the left hand. Rehearsal procedures, repertoire programming, score preparation, and baton techniques are incorporated into the course. Prerequisite: CR-215.

Music History (MH)

MH-247
Music Historiography I
3 credits
Historiography I begins by exploring similarities and differences between various music cultures around the world, and continues with an examination of selected genres of Western Art Music of the Medieval, Renaissance and Baroque periods. Basic information literacy skills, such as searching library catalogs, databases and reading academic articles also will be covered. Prerequisite: LI-131.

MH-248
Music Historiography II
3 credits
Examines Western Art Music since 1750 and includes a research assignment that builds upon the information literacy skills gained in MH-247. Prerequisite: MH-247.

MH-333
Special Topics in Music History
3 credits
The contents of courses carrying this number will vary with the special interests and qualifications of the instructors teaching them. Possible topics include period courses, courses from a distinct perspective, composer courses, and genre courses. Prerequisite: MH-248.

MH-345
Music since 1900
3 credits
Examines controversies and aesthetic movements in 20th- and 21st-century music. Emphasis is placed upon critical reading and writing skills. Prerequisite: MH-248.

Music Theory (TH)

TH-045
Introduction to Musicianship
0 credit, 4.5 hours per week
Integration of the basic elements of music, scales, intervals, key signatures, triads, and rhythmic notation with the practical skills of sight singing, rhythmic reading, keyboard harmony, and dictation. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade.

TH-141
Musicianship I
4 credits, 4.5 hours per week
This course assists students in learning and integrating aural, performance, analytical, and composition skills involving diatonic melody and harmony. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade. Prerequisite: TH-045 or passing a placement test.

TH-142
Musicianship II
4 credits, 4.5 hours per week
A continuation of TH-141 involving chromatic melody and harmony with an introduction to binary and ternary form. Prerequisite: TH-141.

TH-241
Musicianship III
4 credits, 4.5 hours per week
A continuation of TH-142 with an introduction to larger musical forms and counterpoint. Prerequisite: TH-142.

TH-251
Analytical Studies I
3 credits
An in-depth analytical study of a select body of tonal music to be determined by the instructor. The music, which will contain only the harmonic vocabulary and formal structures studied in TH-141 and TH-142, may vary each time the course is offered. May be taken as a level I theory elective. Prerequisite: TH-142.

TH-252
Analytical Studies II
3 credits
An in-depth analytical study of a select body of tonal music to be determined by the instructor. The music, which will contain a more advanced harmonic vocabulary and larger formal structures than the music studied in TH-251, may vary each time the course is offered. May be taken as a level II theory elective. Prerequisite: TH-241.

TH-342
Contemporary Trends
3 credits
An analytical study of the compositional techniques of the 20th century. Prerequisite: TH-241.

Piano (PI)

PI-340
Keyboard Skills
3 credits
This is a detailed study of the board issues of musicianship for pianists. Topics include technique, practice strategies, and approaches to memorization, sight-reading, improvisation, and reading from a lead sheet.

PI-413
Accompanying Class
2 credits
This course is designed with the twofold purpose of allowing undergraduate pianists to fulfill their piano ensemble elective requirement within the professional studies area as well as providing an opportunity for voice primary students to further their piano study in a challenging forum in situations directly related to their repertoire. The students in the class will receive instruction in the stylistic, technical, analytical and linguistic aspects of vocal literature. The many issues involved in vocal collaboration will be discussed along with in-depth study of the pianist's role in musical partnerships. Issues of musical freedom, language, and the varieties of sonic treatment unique to vocal literature will be discussed. Italian, French, German and English song repertoire from various style periods will provide the assignments for performance and discussion.

PI-513
Jazz Keyboard Improvisation
3 credits
This course will enable pianists and organists to become familiar with the theory, harmony, and improvisational techniques of jazz piano. Emphasis will be placed upon getting each student to create spontaneous improvisations. The fundamental goal will be that of enabling students accustomed to following a score to move beyond it. Extensive exposure to material from the “Great American Songbook” as well as to jazz standards will provide a structural basis for the course. Prerequisites: TH-142 and PI-201 or equivalent knowledge and technical proficiency.
Voice (VC)

VC-115
English and Italian Diction
2 credits
Introduction to the rules of singing English and Italian through the use of the International Phonetic Alphabet (IPA) with oral and written drill.

VC-116
French and German Diction
2 credits
Introduction to the rules of singing French and German through the use of the International Phonetic Alphabet (IPA) with oral and written drill. Prerequisite: VC-115.

VC-117
English Diction
2 credits
Introduction to the rules of singing English through the use of the International Phonetic Alphabet (IPA) with oral and written drill.

Foreign Languages and Literatures

The School of Liberal Arts and Sciences offers a number of foreign literature and culture courses in English. See the listings under Foreign Languages and Literatures: Foreign Literature in translation for LIT-250, 251, 310, 311, 312, 313, 315, 317, 322, 325, 330, 340, 370, and 390. See also Chinese 310, French 311, German 310, Spanish 310 and 311.

All students who have had previous foreign language experience (in class or at home) are required to take a placement test to determine the appropriate level at which they should continue their study. Students who have had some previous foreign language experience will not be admitted to language classes unless they have taken the placement test. The placement test is administered online. For information contact the Department of Foreign Languages and Literatures.

Foreign Languages and Literatures: Chinese (CHI)

CHI-100
Chinese I
3 credits
This course is designed to foster mastery of the basic skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 101, the course provides a thorough foundation in basic Chinese grammar. Students are required to work extensively with audio and/or video tapes, and/or computer language programs. Prerequisite: placement test if Chinese has been studied elsewhere.

CHI-101
Chinese II
3 credits
A continuation of Chinese 100. This course continues to foster mastery of the basic skills of Mandarin Chinese: speaking, listening, reading and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 100, the course provides a thorough foundation in basic Chinese grammar. Students are required to work extensively with audio and/or video tapes, and/or computer language programs. Prerequisite: Chinese 100 or placement test.

CHI-150
Chinese Culture and Basic Language for Business
3 credits
This course integrates beginning-level functional Mandarin Chinese language skills acquisition with a knowledge of Chinese business practices and culture as well as hands-on information and strategies for successful intercultural encounters. Students gain practical basic language skills through classroom practice and the use of audio/video and computer materials. Readings, films, documentaries and lectures in English by members of the business community enable students to integrate language acquisition with practical cultural knowledge and cross-cultural awareness. Examination of Chinese customs highlights social relationships and cultural practices. No knowledge of Chinese language is required. This course does not fulfill the SLAS foreign language requirement.

CHI-200
Chinese III
3 credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 201, the course provides intermediate-level Chinese grammar, vocabulary and cultural knowledge through the use of film clips, simple newspaper articles, Internet, and other multimedia resources. Students are required to work extensively with audio and/or videotapes, and/or computer language programs. Prerequisite: CHI-101 or placement test.

CHI-201
Chinese IV
3 credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading and writing. The focus is on communicative competency and accuracy. Together with Chinese 200, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, Internet and other multimedia resources. Students are required to work extensively with audio and/or videotapes, and/or computer language programs. Prerequisite: CHI-200 or placement test.

CHI-300
Advanced Chinese Reading and Composition
3 credits
This course develops Chinese reading and writing skills within a cultural context and aided by a systematic review and expansion of grammar and vocabulary. Using literary, journalistic, business and other sources, students learn various writing discourses and their Chinese variants including narration, description, exposition, and journalistic, business documentation and letter writing. Some translation is used to encourage linguistic analysis. Interviews with Chinese foreign nationals and Chinese Americans enhance the cultural understanding of students necessary for meaningful reading and writing. Prerequisite: CHI-201 or placement test.

CHI-310
Chinese Culture and Civilization
3 credits
This course introduces students to the history, people and culture of China. They will explore China’s powerful dynasties and empire and their cultural and aesthetic achievements, and will learn about nationalism, Mao’s revolutionary communism. They will study China’s religions, calligraphic, pictorial and ceramic traditions, literature, Chinese opera and cinema. Through an examination of Chinese customs, students will gain an appreciation of social relationships and cultural practices. No knowledge of Chinese language is required.
### Foreign Languages and Literatures: French (FRE)

**FRE-100 French I**  
3 credits  
Conversational French is taught through basic vocabulary and grammar building. Students will enjoy an immersion-style method emphasizing real-life situations and vocabulary in authentic cultural context, through an interactive textbook, videos, on-line resources, and oral/aural skill building using the technology in the Foreign Language Media Center to enhance learning. Prerequisite: placement test if French has been studied elsewhere.

**FRE-101 French II**  
3 credits  
Building on learning in French I, students will begin to converse using more complicated grammatical structures within immersion-style classroom interactions. While the focus is still on conversation and aural skill building, composition skills receive greater emphasis. Students will enjoy an interactive CD-Rom based textbook, Internet usage, and authentic videos shot on location in France. Prerequisite: FRE-101 or placement test.

**FRE-200 French III**  
3 credits  
This course builds on linguistic skills previously acquired through an emphasis on conversation and oral comprehension, and through vocabulary building. Grammar study is continued at a more advanced level, and students begin to read short passages focusing mainly on francophone culture and civilization. Film clips, Internet resources, and other computer-aided learning tools are used to create a dynamic immersion-style learning experience. Prerequisite: FRE-101 or placement test.

**FRE-201 French IV**  
3 credits  
While continuing the emphasis on aural/oral production and grammar and vocabulary building, short passages of greater complexity taken from literary texts, newspapers, and magazines will become the focus of conversation/composition activities. Technological resources will continue to enhance the immersion-style learning experience consistent with a course in advanced French. Successful completion of this course, or its equivalent, serves as a prerequisite for French courses at the 300 and 400 level. Prerequisite: FRE-200 or placement test.

**FRE-300 French Composition and Translation**  
3 credits  
An in-depth study of style, shades of meaning, and correctness of expression. Translation of business/professional/scientific/political texts will receive emphasis, and students will continue to perfect their writing skills and review and improve advanced grammatical structures. Prerequisite: FRE-201, placement test at 300-level or above, or FRE-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

**FRE-301 French for Business and the Professions**  
3 credits  
The fundamentals needed to survive in the French professional and business world are taught. Students will continue to perfect oral/written/aural skills while learning about the cultural climate within which these skills will be used. Students will learn how to prepare effective business/professional correspondence and, through role-playing activities, will use their knowledge in such real-life situations as interviewing, telephone conversations, and business meetings. Prerequisite: FRE-201, placement test at 300-level or above, or FRE-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

**FRE-305 An Introduction to French Literature**  
3 credits  
A chronological overview of the evolution of French literature from the chansons de geste into the 20th century. Study and interpretation of selected works, authors or literary movements through the Renaissance, the classical period, Enlightenment, romanticism, realism, naturalism to representative works by authors of our century from Proust to existentialism, the nouveau Roman, theatre absurde and beyond. Required for majors. Prerequisite: FRE-201, placement test at 300-level or above, or FRE-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

**FRE-311 French Culture**  
3 credits  
A study of modern France and French value orientations as they are rooted in tradition and history and continue to shape everyday life as well as institutions, social organizations, artistic expression, education, attitudes and human interaction. A comparative approach will examine the underlying differences between France and the United States. Classes are in English.

**FRE-320 French Phonetics and Conversation**  
3 credits  
This course is an introduction to French phonetics and is designed to help students further develop their skills in speaking French accurately and fluently. The course requires students to learn basic linguistic symbols and the phonetic alphabet as a theoretical step toward improving articulation and pronunciation. Moreover, special emphasis will be placed on the development of vocabulary and of appropriate communication techniques to participate in discussions in French. The course will be a mix of lectures, class discussions, debates, face-to-face conversations, and role games requiring a strong active participation. Counts toward major and minor requirements. Prerequisite: FRE-201, placement test at 300-level or above, or FRE-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

**FRE-422 Cultural Expression in French Film and Television**  
3 credits  
A systematic analysis of selected French films and television broadcasts will reveal cultural value orientations as they relate to love, family, community, leisure, work, social, and political organization. A comparative approach will stress the underlying cultural differences between France and the United States. Prerequisite: FRE-201, placement test at 300-level or above, or FRE-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

**FRE-425 The Portrait of the Hero in French Fiction**  
3 credits  
This course deals with modern French fiction and its depiction of the role of the hero as a figure who gradually loses control over his fate (Stendhal, Balzac) and is changed into someone who struggles against ever increasing odds, only to be finally vanquished (Flaubert). The main character may find fulfillment in recollections of the past (Proust), explore the moral parameters of existence (Gide, Camus) or become the incapacitated anti-hero of Beckett’s novels. Prerequisite: FRE-201, placement test at 300-level or above, or FRE-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.
FRE-430 Mask and Reality in French Theater
3 credits
A study of theater through the optic of a unifying theme: the mask and reality. The goal is to gain a greater appreciation of the art of dramatic illusion whereby actors, while wearing the masks of the characters they play, allow us to examine ourselves and reality in true, unmasked form. Playwrights to be studied will range from the classical theater of Racine and Corneille, through the modern avant-garde, existentialist and Theater of the Absurd works of such playwrights as Ionesco and Beckett. Prerequisite: FRE-201, placement test at 300-level or above, or FRE-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

FRE-491 Internship in Foreign Languages
1–4 credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies, and other appropriate workplace environments both in the United States and abroad. With permission of the supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major. Prerequisite: students should have completed at least one 300-level course in the foreign language.

FRE-496 Special Studies
3 credits
Offered as needed to complement the program in French. A seminar open to a variety of topics treating a particular author, period, genre or critical approach. Prerequisites: FRE-201, placement test at 300-level or above, or FRE-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

GER-201 German IV
3 credits
Continuation of grammar review and readings. Special emphasis on oral expression and composition of increasing sophistication, proceeding from concrete observations to theoretical and abstract discussion. Prerequisite: GER-200 or placement test.

GER-300 Composition and Conversation
3 credits
Practice in German communication skills through developing oral and written expression, comprehension and vocabulary. Prerequisite: GER-201, placement test at 300-level or above, or GER-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

GER-301 German for Business
3 credits
Basic fundamentals for applying the German language to business operations and correspondence. Emphasizes German business terminology as contained in business-related journal articles, letters, and documents. Prerequisite: GER-201, placement test at 300-level or above, or GER-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

GER-305 Introduction to German Literature
3 credits
An introduction to works selected from the most important periods of German literature from the Hildebrandslied to the pre-classical period. Primary focus on close reading of complete works by Lessing and Goethe. Required for majors. Prerequisite: GER-201, placement test at 300-level or above, or GER-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

GER-307 German Literature and Film
3 credits
Focus on major works of 19th and 20th-century German literature and their film adaptations. Readings include works by Büchner, Kafka, Mann, Brecht, Böll and Dürenmatt. Films by Herzog, Welles, Visconti, Schöndorff, and others. Prerequisite: GER-201, placement test at 300-level or above, or GER-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.
GER-310
German Culture
3 credits
Introduction to the contemporary cultures of Germany, Austria and Switzerland. Selected readings from contemporary German fiction, newspapers and monthly magazines (all in English), films, and music. No knowledge of German required.

GER-425
Self and Society in
German Short Fiction
3 credits
Reading and discussion of short prose works of Hauptmann, Schnitzler, Kafka, Grass, Frisch, and others. Prerequisite: GER-201, placement test at 300-level or above, or GER-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

GER-430
Modern German Drama
3 credits
Selected plays by major German, Austrian and Swiss playwrights of the 20th century are studied within a cultural and historical context. Prerequisite: GER-201, placement test at 300-level or above, or GER-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

GER-490
Independent Research and Study
1–4 credits

GER-491
Internship in Foreign Languages
1–4 credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies, and other appropriate workplace environments both in the United States and abroad. With permission of the supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major. Prerequisite: students should have completed at least one 300-level course in the foreign language.

GER-496
Special Studies
3 credits
A seminar emphasizing a particular literary genre or the work of one author. Possible topics might be: Goethe’s Faust, lyric poetry, the novella, romanticism, women writers, or other authors, periods, or genres in German literature. Prerequisite: GER-201, placement test at 300-level or above, or GER-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

Foreign Languages and
Literatures: Italian (ITA)

ITA-100
Italian I
3 credits
An introduction to the fundamentals of Italian grammar and vocabulary. Students will gain fluency in an immersion-style classroom as they gain cultural awareness. Students are expected to work extensively in an on-line program. Prerequisite: placement test if Italian has been studied elsewhere.

ITA-101
Italian II
3 credits
A continuation of Italian 100. Emphasis is on gaining oral mastery in a culturally authentic environment. The class continues to be immersion-style and students continue out-of-class practice in an on-line program. Prerequisite: ITA-100 or placement test.

ITA-200
Italian III
3 credits
Continuation of Italian 101. Students continue their mastery of Italian vocabulary and grammar in immersion-style classes. Continued emphasis on cultural competency and increased work in written Italian. Prerequisite: ITA-101 or placement test.

ITA-201
Italian IV
3 credits
Continuation of Italian 200. Students complete their study of basic grammar. Increased emphasis on writing and reading as students continue to master the spoken language. Prerequisite: ITA-200 or placement test.

Foreign Languages and
Literatures: Russian (RUS)

RUS-100
Russian I
3 credits
An introduction to the Russian language. This course emphasizes learning the Cyrillic alphabet, basic Russian grammar, and developing some skill in conversational Russian. Students are required to work extensively with audio tapes. Prerequisite: placement test if Russian has been studied elsewhere.

RUS-101
Russian II
3 credits
Continuation of Russian 100. In this course students learn to write the Cyrillic alphabet, not just print it. Readings to provide a useful basic vocabulary. Students are required to work extensively with audio tapes. Prerequisite: RUS-100 or placement test.

RUS-200
Russian III
3 credits
Intensive review of grammar with a continuation of developing skills in conversational Russian. Reading matter of greater difficulty is introduced for the development of a more extensive vocabulary. Students are required to work extensively with audio tapes. Prerequisite: RUS-101 or placement test.

RUS-201
Russian IV
3 credits
Grammar review continued. Emphasis on the comprehension of difficult literary texts. Prerequisite: RUS-200 or placement test.

RUS-490
Independent Research and Study
1–4 credits

RUS-491
Internship in Foreign Languages
1–4 credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies and other appropriate workplace environments both in the United States and abroad. With permission of the
supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major. Prerequisite: students should have completed at least one 300-level course in the foreign language.

RUS-496 Special Studies 3 credits
An in-depth study for students interested in special areas, with emphasis on specific literary genre. Prerequisite: permission of instructor.

Foreign Languages and Literatures: Spanish (SPA)

SPA-100 Spanish I 3 credits
Introduction to the fundamentals of Spanish grammar, with emphasis on communicative skills, in culturally authentic contexts. Students are required to work extensively with audio and/or video materials and online sources. Prerequisite: SPA-100 or placement test.

SPA-101 Spanish II 3 credits
Continuation of Spanish 100. Emphasizes the use of language for communicative and cultural competency while developing a solid grammar foundation in Spanish. Students are required to work extensively with audio and/or video materials and online sources. Prerequisite: SPA-100 or placement test.

SPA-200 Spanish III 3 credits
An intensive review of Spanish grammar with emphasis on aural-oral (listening and speaking skills) and composition writing. Literary and cultural readings will be used to develop these skills. A special section may be offered to address the needs of native speakers. Students may be required to work with audio and/or video materials and online sources. Prerequisite: SPA-101 or placement test.

SPA-201 Spanish IV 3 credits
A continuation of Spanish grammar review with emphasis on aural-oral skills and writing of increasing sophistication. Progressively more challenging literary and cultural readings will be used to develop these skills. Students may be required to work with audio and/or video materials and online sources. Prerequisite: SPA-200 or placement test.

SPA-300 Advanced Grammar and Composition 3 credits
A systematic review of grammatical structure. The development of writing skills, in preparation for upper level courses in literature, culture and professional language. Prerequisite: SPA-201, placement test at 300-level or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-301 Spanish for Business 3 credits
A solid foundation in business vocabulary and cultural concepts; situational practice in geographic and cultural contexts necessary to be successful in today’s Spanish-speaking world. Practice in writing business letters and other documents. Oral and written assignments to help students improve their critical thinking and become better communicators. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-302 Writing and Translating for the Professions 3 credits
Practice in writing and an introduction to translation for students who will use Spanish in their professional lives. Using literary, cultural and journalistic sources, students learn various writing discourses including narration, description, exposition, argumentation, and journalistic and letter writing. Translation involves preliminary study of translation theory and techniques, and practice with texts from students’ chosen careers. Additional study of Spanish grammar as necessary. Prerequisite: SPA-201, placement test at 300-level or above, or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-303 Advanced Communication Spanish 3 credits
The focus of the course is to strengthen the student’s aural comprehension and speaking skills by providing a framework for regular guided practice of fundamental grammar structures and vocabulary enhancement in the context of Hispanic cultures. Listening activities will include live speech, video recordings, film shorts and one full-length movie. Speaking tasks will be reinforced with written exercises. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-305 Cervantes 3 credits
A detailed study of Cervantes’ masterpiece El ingenioso hidalgo Don Quijote de la Mancha. Lectures, discussions, and supplementary readings. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-310 Spanish Culture and Civilization 3 credits
Spain’s cultural achievements are studied in light of the country’s unique historical and social reality through the use of historical, artistic, architectural, cinematic and literary sources. Cross-cultural awareness is enhanced through exercises that compare Spanish and American society. Classes are in English. No knowledge of Spanish required. This course may contain an optional travel component offered before or after the semester or during spring break.

SPA-311 Latin-American/ Latino Culture 3 credits
A panoramic survey of Latin American cultural achievements in light of the unique social and political history from the pre-Columbian period to the present. The cross-cultural perspective includes a study of Latino culture in the United States. Classes are in English. No knowledge of Spanish is required.

SPA-320 Introduction to Spanish Literature 3 credits
Examines through lectures, readings and class discussions selected texts and their relationship to the main currents of European literary history. Introduction to the practice of literary analysis through written composition. Required for majors. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-325 Introduction to Latin-American/ Latino Literature 3 credits
A study of the development of Latin-American and Latino literature from its origins to the present through the reading, analysis and discussion of representative works by major authors. This course increases the understanding of how social, historical, and political events, together with native as well as foreign literary movements, create a unique literature,
conveying the Hispanic-American reality. Required for majors. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-403 Medieval Literature 3 credits
Surveys the literature of Spain during the Middle Ages, with special emphasis on major writers such as Gonzalo de Berceo and Don Juan Manuel, and attention to the epic and the medieval ballad. Modern versions of medieval Spanish are used. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-412 Hispanic Theater and Film 3 credits
This course explores through theater and cinema the compelling issues that have shaped Hispanic cultures and consciousness throughout the centuries. Sample topics include war and remembrance; myth and history; freedom and authority; immigration; globalization; and race, class, and gender. The course may focus on specific authors or historical periods. Representative playwrights include Lope de Vega, Zayas, Zorrilla, Avellaneda, Lorca, Buero Vallejo, Sastre, Solorzano, Carbalillo, Lopez Mozo, and Pedroso. Directors include Bufuel, Saura, Gutiérrez Alea, Almodovar, Rocha, Salles, Escorza, Zambrano, and Bollaín. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-413 The Hispanic Short Story: Transatlantic Connections 3 credits
This course will introduce students to the most representative writers of the short story in Spain and Latin America from Romanticism to the present. Students will be prepared to perform close readings; of the literary genre under study, to analyze the form and content of the texts read, paying due attention to all internal and external aspects that impact the narrative process and the evolution of the short story. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-415 The Spanish Renaissance 3 credits
The origins and evolution of the Renaissance in Spain and of the literary expression of Renaissance culture as reflected in the development and perfection of prose and lyrical styles through the 16th century. Topics include the medieval heritage, Spanish Humanism, the Celestina, the Renaissance ideal in amatory prose and poetry, mysticism, the ballad, and the picaresque novel. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-416 The Spanish Golden Age 3 credits
The literature of Spain during a period of political decline and outstanding aesthetic achievement: Lope de Vega and the rise of a national theatre; Calderon's drama of ideas; the development of the novella and the picaresque novel; the poetry and prose of Gongora, Quevedo, and Gracian. Also includes an introduction to literary theory. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-418 Latin-American/Latino Film and Fiction 3 credits
A study of the main trends in contemporary Hispanic fiction written in Latin America and the United States. Analysis and discussion of selected novels and short stories, and their cinematic representation on film. Required for majors. Prerequisite: SPA-201, placement test at 300-level or above or SPA-300 or above. Exceptions may be made for Study Abroad or native/heritage speakers with permission of chairperson.

SPA-419 Independent Research and Study 1–4 credits
SPA-420 Internship in Foreign Languages 1–4 credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies and other appropriate workplace environments both in the United States and abroad. With permission of the supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major. Prerequisite: students should have completed at least one 300-level course in the foreign language.

SPA-496 Special Studies 3 credits
A seminar open to a variety of topics treating a particular author, period, genre, or theme. Prerequisite: permission of instructor.

Foreign Languages and Literatures: Foreign Literature in Translation (LIT)

The courses listed below do not have prerequisites.

LIT-250 Masterworks of Western Literature I 3 credits
Introduces the classical heritage and the development of a connected Western literary tradition as reflected in the classics of Western literature from the Greeks to the Renaissance. This course focuses particularly on the qualities, which make each work great. Works by Homer, Aeschylus, Sophocles, Euripides, Virgil, St. Augustine, Dante, and Shakespeare are read and discussed in English. Required for all foreign language majors.

LIT-251 Masterworks of Western Literature II 3 credits
Introduces modern world literature and the further development of the Western literary tradition from the Enlightenment, through Romanticism, to the contemporary period. Major writers such as Moliere, Racine, Voltaire, Rousseau, Goethe, Tolstoy, Baudelaire, Yeats, Rilke, Ibsen, Mann, Kafka, and Borges are read and discussed in English. Required for all foreign language majors.

LIT-310 Russian Literature from 1988 to 1850 3 credits
A reading and discussion of some of the great Russian writers of the first half of the 19th century. Writers include Pushkin, Lermontov, Gogol, Turgenev, and Tolstoy. Classes are in English. No knowledge of Russian required. Required for majors.

LIT-311 Russian Literature from 1850 to 1917 3 credits
A reading and discussion of some of the great Russian writers of the second half of the 19th century and early 20th century. Writers
include Dostoevsky, Leskov, Chekhov, Bunin, Gorky, Blok, Bely, and Sologub. Classes are in English. No knowledge of Russian required. Required for majors.

LIT-312
20th-Century Russian Literature
3 credits
A reading and discussion of some major Russian writers from 1917 to 1970. Writers include Akhmatova, Tsvetaeva, Babel, Bulgakov, Pasternak, Mayakovsky, and Evtushenko. Classes are in English. No knowledge of Russian required. Required for majors.

LIT-315
Tolstoy
3 credits
Reading and discussion of selected works of Tolstoy including his fables; novellas, such as Master and Man and The Kreutzer Sonata; and either Anna Karenina or War and Peace. Classes are in English. No knowledge of Russian required.

LIT-317
Dostoevsky
3 credits
Reading and discussion of selected works of Dostoevsky, with special emphasis on Crime and Punishment and The Brothers Karamazov. Classes are in English. No knowledge of Russian required.

LIT-322
German Literature and Film in English Translation
3 credits
Reading and discussion in English of German literary masterpieces and their film adaptations. The material varies from year to year, e.g., German-Jewish writers, German Romanticism, German literature to 1700, modern fiction, or 20th-century women’s literature and film. No knowledge of German required.

LIT-325
The Folk Tale
3 credits
Introduction to the study of folk tales from a literary point of view, to the place of folk tales in European culture, and to the contrast between folk tales and written fairy tales such as Beauty and the Beast and Cupid and Psyche.

LIT-330
Russian Culture
3 credits
Readings highlighting both the uniqueness of Russian culture and the ways Russian culture has had the greatest impact on Western culture in general. The course is divided into topics such as folklore, religion, painting, music, ballet, and film. Readings from Russian literature will be used to illustrate significant aspects of Russian culture. Classes are in English. No knowledge of Russian required.

LIT-340
Hispanic Literature and Film in English Translation
3 credits
This course explores literary and cinematic masterpieces in English translation. Attention is focused on their relationship to the intellectual, artistic, and historical background of Spain, Latin America, and/or United States Latino cultures. No knowledge of Spanish is required. Open to Spanish majors, but no credit given toward the specific requirements of the major.

LIT-350
French and Francophone Literature and Film in Translation
3 credits
Introduces French and Francophone masterpieces from the Middle Ages to the twenty-first century. Texts include novels, plays, fables, essays, philosophical tales, fairy tales, and films. The course may focus on a period or a topic in French and/or Francophone literature and film. No knowledge of French is required. Open to French majors, but no credit given toward the requirements of the major.

LIT-370
European Short Novel
3 credits
Introduces students to the study of the novella as a distinct literary genre in Europe. Discusses various theories of the novella and the history of the novella in Europe. Will read and discuss such masterpieces of the novella as The Marquise of O, The Queen of Spades, A Simple Heart, and Death in Venice.

LIT-390
The Bible as Literature
3 credits
This course takes a literary approach to the Bible: only one, of course, of the many possible approaches to this rich and fascinating text. Nevertheless this approach to the Bible is justified both because the Bible is a literary masterpiece and because such an approach provides a clear focus for students. Students will read and discuss selections from the three major divisions of the Bible: the Old Testament, the New Testament, and the Apocrypha. Students will also read famous stories such as Joseph and his brothers, Moses and Exodus, Samson and Delilah, Jonah and the Whale, Susanne and the Elders, the raising of Lazarus, and the trial and execution of Jesus.

Gender and Sexuality Studies (GND)

GND-100
Introduction to Gender Studies
3 credits
An introduction to the role of gender in human experience, examining the biological, historical, literary, artistic, and institutional manifestations of gender, and exploring the intersections of gender, sex, and sexuality.

GND-200
Introduction to Women’s Studies
3 credits
An interdisciplinary investigation of traditional and contemporary gender roles, and of women’s status, identity, and potential. Required for minor.

GND-300
Feminist Literary Criticism
3 credits
This seminar explores the diversity within feminist literary analysis. Various national, ethnic and cultural standpoints are represented and the different as well as the common assumptions within feminist thought will be discussed.

GND-310
Special Topics
3 credits
Studies in specialized areas of feminist scholarship. Topics change according to instructor and are listed in the course roster. Prerequisite: one previous course in gender and sexuality studies or permission of instructor.

GND-311
Gender and Communication
3 credits
This course focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students’ awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem.

GND-312
Gender, War and Peace
3 credits
Through readings in literature, history, political science, philosophy, and psychology, the course will explore critically the myths linking feminine gender with pacifism and masculine gender with aggression. Various perspectives on peace and war, the history of peace movements, and women’s as well as men’s participation in war will be considered.
GND-313 Gender and Ethics
3 credits
An interdisciplinary seminar involving a concentrated study of recent works in feminist theory, with special attention to issues such as: Do men and women have different ethical perspectives and different styles of moral reasoning? How does the “ethics of care” differ from the traditional “ethics of justice”? Can the models of justice and care be integrated into a more comprehensive theory?

GND-315 Seminar in Gender and Sexuality Studies
3 credits
This course offers students an open inquiry into the diverse constructions of gender and of sexuality, including masculinities and feminities. Questions about biological and cultural construction of identity will be explored. Prerequisite: junior or senior standing.

GND-350 Leadership and Community
3 credits
Designed for all students whose future plans include community service, organizing, and leadership, this course will study organizing in response to domestic violence, discrimination on the basis of gender, sexual harassment, and other issues related to women’s needs. Building coalitions, skills for leadership, and strategies for effective organization will be covered in readings and in class discussions, and students will practice what they have learned by working in a local non-profit community-based organization.

GND-400 Senior Seminar
3 credits
An opportunity for upper-level students to apply the multidisciplinary knowledge and training of the gender and sexuality studies minor to specific projects. Topics change according to instructor and are listed in the course roster. Required for minor. Prerequisite: junior or senior standing.

GND-491 Internship in Gender and Sexuality Studies
1–4 credits
Students work in an approved organization, under supervision of someone in that organization and of a gender and sexuality studies faculty member. Placements can be made in businesses and their physical and non-profit organizations and in local, grass-roots movements that draw on the knowledge acquired in gender studies courses. A minimum of 48 hours of field work per credit is required. Students must make bi-weekly reports, and they are required to analyze and evaluate their work at the end of the semester.

ENV-100 Introduction to Environmental Sciences
4 credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical and non-profit environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems, is investigated in detail, using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week.

ENV-200 Statistical and Computer Applications in the Natural Sciences
4 credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.

ENV-205 Introduction to Geographic Information Systems
3 credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS 9 software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, that require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV-350 Principles of Environmental Toxicology
3 credits
A comprehensive description of the important principles of toxicology, including the absorption, distribution, metabolism, and excretion of toxic substances. Target organs systems will be discussed as well as mechanisms of carcinogenesis and teratogenesis. Specific groups of toxins to be discussed include: pesticides, metals, radiation, solvents and vapors, and plant and animal toxins. Three hours of lecture per week. Prerequisites: ENV-100, CHE-120, CHE-121, CHE-122, CHE-123, CHE-211; BIO-115, BIO-116 or permission of instructor.

ENV-375 Environmental Biogeochemistry
3 credits
This course examines the biogeochemical interactions among various environmental components, including water, rock, soil, organisms, and atmosphere. Covered topics focus on the relation between the biosphere and changes in the Earth’s environment and atmosphere. The transfer of energy and nutrients within terrestrial ecosystems also is explored. Case studies from various examples will be used to understand ecosystem dynamics. Long-term environmental change and present-day ecosystem restoration activities are examined in the context of biotic offsets and land-use planning. The biogeochemical cycles of some environmentally sensitive compounds and elements in natural systems, such as pesticides, mercury, and lead, also will be examined. Three hours of lecture per week. Prerequisites: GEO-100 or GEO-113, CHE-120, CHE-121, CHE-122, CHE-123.
ENV-400 Seminar in Environmental Sciences
3 credits
A detailed analysis of current environmental problems, their historical background, and future impacts. Students will participate in and lead discussions of current research in several of the subdisciplines of environmental sciences. Three hours of discussion per week. Field trips may be required. Prerequisite: senior standing in environmental sciences, biology, geosciences, marine sciences, chemistry, or biochemistry, or permission of instructor.

ENV-480 Senior Thesis
3 credits
A senior thesis is optional for environmental science majors. However, a senior thesis is required for eligibility to graduate with honors in environmental science. The topic for investigation will be chosen by the student in consultation with the faculty of the department of geological, environmental, and marine sciences. The student must initiate consideration of a proposal to the department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.

ENV-490 Independent Research and Study
1–4 credits

ENV-491 Internship in Environmental Sciences
1-4 credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, nonprofit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation. Prerequisite: 2.5 GPA or permission of instructor.

Geological, Environmental, and Marine Sciences: Geosciences (GEO)

GEO-100 Earth Systems Science
3 credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and biosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this plant are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. Corequisite: GEO-102.

GEO-102 Earth Materials and Processes Laboratory
1 credit
A laboratory experience involving the origin, significance, identification, and classification of earth materials and processes. Mineral and rock specimens, analytical equipment, and topographic and geologic maps are utilized. Short field trips to local sites help students visualize some of the concepts discussed. One three-hour lab per week. Concurrent enrollment in or previous completion of GEO-100 or GEO-113 is required.

GEO-113 Environmental Geology
3 credits
Examines the premise that “our society exists by geologic consent subject to change without notice” by studying a number of important geologic processes and the hazards and/or resources they present to individuals, society, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, climate change, and water, soil, mineral, and energy resources. Cost/ benefit considerations, hazard mitigation concepts, economic and political ramifications, and the interactions between the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation of their connection to the surrounding geologic environment, leading to better, more informed business, political, and personal decisions. Three hours of lecture per week.

GEO-168 Mesozoic Ruling Reptiles: Dinosaurs, Pterosaurs, and Plesiosaurs
3 credits
A survey of the vertebrate groups that dominated the land (Dinosaurs), the seas (Mosaasaurus, Plesiosaurs, Pliosaurs, Tylosaurs, and Ichthyosaurs) and the skies (Pterosaurs, Prerdactyls) during the Mesozoic Era. The course considers diversity of skeletal architectures and their reconstructed function and the often controversial, inferred anatomy, physiology, reproductive strategy, habit, and social behaviors of these animals that are different from mainstream reptiles, avers, and mammals. It also covers the paleogeographical, and paleoclimatological conditions that facilitated the evolutionary rise to dominance and diversification of these vertebrate groups and the debated causes of their eventual extinction. Three hours of lecture per week.

GEO-201 Elements of Mineralogy
4 credits
The crystallography, structure, physical and optical properties, and crystal chemistry of the common rock-forming minerals are presented. Classroom lectures and discussions emphasize modern mineralogic concepts such as point and space groups, x-ray diffraction, twinning and crystal defects, and atomic bond theory. The laboratory emphasizes crystal symmetry recognition, mineral chemistry, optical properties and techniques, and the identification of minerals from hand specimens, thin sections, and x-ray diffraction analysis. Three hours of lecture and one three-hour lab per week. At least one weekend field trip required. Prerequisites: GEO-100 or GEO-113, CHE-120 and CHE-121 taken concurrently, or permission of instructor.

GEO-305 Petrology and Petrography
4 credits
The origin, evolution, and terrestrial distribution of igneous and metamorphic rocks are presented and detailed. Classroom lectures and discussions emphasize rock geochemistry, mineralogic variability, the constraints placed on petrogenetic models by physio-chemical studies of natural and synthetic systems, and the relation of the various rock types to current plate tectonic theory and other whole-earth processes. The laboratory emphasizes the identification of rock texture and mineralogy in thin section and hand specimen, the optical determination of mineral composition, and the recognition of possible petrogenetic processes as recorded in the rocks themselves. Three hours of lecture and one three-hour lab per week. Two weekend field trips required. Prerequisites: GEO-201, CHE-122 and CHE-123 taken concurrently, or permission of instructor.
**Marine Sciences: Integrated Sciences and Math (ISM)**

As a senior seminar course, class experience is blended to encourage students to learn about the connections among various scientific disciplines. Students will evaluate articles and present written critiques of the articles. Students will also present a semester-long project (both written and oral) that focuses on the connections among disciplines.

**ISM-100 Introduction to the Integrated Sciences and Math**

4 credits

(Formerly Introduction to the Integrated Sciences) Traditional lectures and laboratory experiences are blended to encourage students to begin asking questions and designing experiments to learn about the physical, life, and earth sciences. This is the entry-level course for the integrated science major though it is open to all students interested in fundamentals of the life, physical, and earth sciences. Two three-hour combined lab/lecture sessions per week.

**ISM-410 Seminar in the Integrated Sciences and Math**

3 credits

(Formerly Seminar in the Integrated Sciences) As a senior seminar course, class discussion, presentation, and participation will be emphasized. Science topics covered will extend beyond the range of a single science discipline. Students will evaluate articles (from scientific journals, popular science magazines, newspapers, etc.) to discern the connections among various scientific disciplines, including mathematics. Students will present written critiques of the articles focusing on the proper use of the scientific method, the data analysis techniques (e.g., statistics, mathematics, etc.) and on the plausibility of the interpretations. Students will take turns leading the discussion of the articles. Students will also present a semester-long project (both written and oral) that focuses on the connections among disciplines.

**GEO-306 Sedimentology**

4 credits

The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite: GEO-100 or GEO-103-4.

**GEO-307 Stratigraphy**

4 credits

The principles and fundamentals of interpreting stratified sedimentary rocks are the focus of this course. Students first will learn how to perform and interpret petrographic analyses of rock thin sections, and then how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, geophysical, and chronostratigraphic correlations. Additionally, students will learn how to interpret the geologic history of an area by synthesizing various data sets. Field trips will illustrate stratigraphic principles and give students experience in collecting field data. Three hours of lecture and one three-hour lab per week. Prerequisite: GEO-306 or permission of instructor.

**GEO-310 Structural Geology**

4 credits

The origin, distinguishing characteristics, and geographic distribution of deforming structural features of the Earth’s crust. In the laboratory, geologic maps and three-dimensional problems are used in the study of typical surface and subsurface geologic problems. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisites: GEO-100 or GEO-113, GEO-102.

**GEO-350 Soils and Surficial Processes**

4 credits

This course examines the physical, hydrological, chemical, and biological aspects of soil and its relation to geomorphologic development. Specific topics include soil description, classification, erosion, pore water and gasses, microbiology/ecology, nutrients, minerals, and colloids, with an emphasis on the importance of soils in hydrological, environmental, and agricultural studies. The lab introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisites: GEO-100 or GEO-113, GEO-102.

**GEO-407 Hydrology and Water Resources**

4 credits

This course examines the hydrologic cycle, the processes of precipitation and evapotranspiration, the generation of runoff, and factors controlling the storage and transfer of water among various types of reservoirs. It also examines flow through porous media and the treatment of saturated flow with Darcy’s law. Well hydraulics and the estimation of hydraulic conductivity from slug testing also will be emphasized. The principles governing flow in unsaturated conditions, contaminant migration in underground aquifers, and water quality issues of interest to the general public also will be discussed. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, calculation of runoff and groundwater recharge rates, groundwater contouring, groundwater flow simulation, and contaminant transport modeling. Three hours of lecture and one three-hour lab per week. Prerequisites: GEO-100 or GEO-113, GEO-102, MTH-105.

**GEO-480 Senior Thesis**

3 credits

A senior thesis is optional for geosciences majors. However, a senior thesis is required for eligibility to graduate with honors in geosciences. The topic for investigation will be chosen by the student in consultation with the faculty of the department of geological and marine sciences. The student must initiate consideration of a proposal to the department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken. Prerequisites: senior standing in the geosciences major and permission of instructor. Fall and spring.

**GEO-490 Independent Research and Study**

1–4 credits

A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, nonprofit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation. Prerequisite: 2.5 GPA or permission of instructor.

**GEO-491 Internship in Geosciences**

1–4 credits

Geological, Environmental, and Marine Sciences: Integrated Sciences and Math (ISM)

ISM-100 Introduction to the Integrated Sciences and Math

4 credits

of a scientific issue. This project can, instead, focus on developing and presenting an educational lesson plan. This would likely include presenting techniques on data collection and how this issue can be presented to middle school students from a multidisciplinary viewpoint.

MAR-120 Oceanography
3 credits
Investigates the interrelationships among the geological, chemical, physical, and biological aspects of oceanography. Topics include origin and evolution of ocean basins; physical characteristics of modern oceans; seawater chemistry; ocean and atmosphere interactions; ocean currents; waves and tides; coastal processes; biological productivity; and diversity, distribution and adaptations of marine organisms. Throughout the course, emphasis is placed on the processes that connect the seemingly separate topics to each other and to human life. Weekend field trips may be required. Three hours of lecture per week.

MAR-121 Introductory Oceanography Lab
1 credit
Introduction to the fundamental aspects of geological, chemical, physical, and biological oceanography. Students learn through inquiry-based, hands-on exercises and activities using actual data collected in the lab and in the field. Independent projects and local field trips during lab and on the weekend may be required. One three-hour lab per week. Concurrent enrollment in or previous completion of MAR-120 is required.

MAR-210 Marine Life through Time
4 credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week. Prerequisites: GEO-100 or GEO-113, GEO-102 or BIO-115 or permission of instructor.

MAR-227 Introduction to Field Marine Science: Subtropical Environments
4 credits
Quantitative comparison of (1) properties of sediments and hard bottoms; (2) associated diversity, abundance, size, and zonation of algae/plants and animals; and (3) physical-chemical properties of sea water. Habitats studied include rocky intertidal and subtidal pools, turtle grass beds, foraminiferal sandy beaches, hypersaline mangrove lagoons, quiet water fouling communities, soft coral shoals, red algal boiler reefs, and coral reefs. Emphasis on exercises involving field and laboratory instrumental analyses, group mapping project, and individual experimental research projects. Taught at the Bermuda Biological Station, Bermuda. Summer Session I.

MAR-228 Introduction to Field Marine Science: Boreal Environments
4 credits
Quantitative comparison of (1) properties of sediments and hard bottoms; (2) associated diversity, abundance, size, and zonation of algae and animals; and (3) physical-chemical properties of sea water. Habitats studied include wave-exposed and wave-protected rocky intertidal pools and algal communities, shingled cobble beaches, subtidal surge channels and urchin barrens, kelp beds, and shelf and bottom habitats. Emphasis on exercises involving field and laboratory instrumental analyses, group mapping project, and individual experimental research projects. Taught at the Shoals Marine Laboratory, Gulf of Maine. Summer Session I.

MAR-229 Introduction to Field Marine Science: Tropical Environments
4 credits
Quantitative comparison of bottom environments, including (1) composition and texture of sediments and hard bottoms; (2) associated diversity, abundance, size, and zonation of marine algae, grasses, mangroves, and animals (interstitial meiofauna to macroinvertebrates) and (3) physio-chemical properties of sea water. Habitats studied include turtle grass beds, mangrove swamps, sandy beaches, rocky intertidal pools, and reefs (backreef to reef crest to fore reef to reef channel). Emphasis on exercises which develop skills involving field and laboratory instrumental analyses, group mapping project, and individual experimental research projects. Taught at the Institute of Marine Sciences, Roatan, Honduras. Summer Session I.

MAR-325 Marine Vertebrates: Fish to Mammals
4 credits
A survey of the biology of marine vertebrate animals, including fish (jawless fish, sharks, rays, and bony fish), reptiles (sea turtles and sea snakes), sea birds, and mammals (manatees, seals, and whales). The evolution, physiology, natural history, ecological relationships, and human interactions of these groups are emphasized. Three hours of lecture and one three-hour lab per week. Three all-day field trips (field trips will substitute for laboratories). Prerequisite: BIO-272.

MAR-330 Chemical Oceanography
4 credits
Introduction to the chemical aspects of the oceans and their influence on marine ecosystems and Earth processes. Emphasis is placed on chemical and physical properties of seawater, atmosphere-ocean interactions, biogeochemical cycles with marine components, production and destruction of marine organic matter, chemical ecology, and marine pollution. During the lab portion of this course, students gain hands-on experience in analyzing ocean water samples, experimental design, and interpreting marine chemical data. Three hours of lecture and one three-hour lab per week. Weekend field trips and independent projects may be required. Prerequisites: CHE-121, CHE-122; MAR-120, MAR-121 or permission of instructor.

MAR-340 Marine Processes and Environments: Seminar
3 credits
This course is designed as a seminar course. Therefore, students will learn to lead class discussions, to analyze and critique peer-reviewed journal articles, and to enhance their writing skills using current literature sources. Students will interpret graphical, spatial, and numerical data to support their positions. Content will emphasize the interactions among marine processes, biological features, and geologic landforms. Prerequisites: MAR-120, GEO-306.

MAR-360 Plankton Ecology
4 credits
Examines the diversity, physiology, and ecology of marine phytoplankton and zoo-plankton. Students will survey the dominant plankton groups, their distribution,
global and multinational studies (gms)

spread of international non-governmental organization where qualified students gain academic training in a professional environment. agreed upon method of evaluation will be for-

basic concepts necessary to understand the dynamics underlying the emerging world-

profit, or governmental organizations. these can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. normally, 50 hours of internship per credit is required. a mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation. prerequisite: 2.5 GPA or permission of instructor.

mar-380
the learning and teaching of marine science
4 credits
field course provides k–12 educators and others an integration of practical experience in marine science with pedagogical concepts and applications. students will become familiar with marine science content and scientific methodology through specially designed inquiry-based scientific exercises. during these activities, students will address the process of applying college-level content to their own classroom settings, considering national and state standards. hands-on, field-based, scientific exercises will provide experience with a diversity of marine habitats and biological, geological, hydrological, chemical, and physical processes that influence them. visited habitats will include rocky intertidal, salt marsh, tidal flat, beach and channel sand bars. as a result, students will develop field and laboratory skills in marine science and use them in designing materials for their own classroom.

mar-401
marine ecology
4 credits
survey of environmental influences from the microstructure of skeletons to large-scale ecosystems. correlation of invertebrate skeletal mineralogy and shape with environmental parameters. reconstruction of population dynamics from organismal size-frequency data. acclimation to abiotic limiting factors, and their influence on species distribution, growth, and reproduction. evaluation of mutualistic, competitive and predatory interactions between species. community structure and succession in rocky intertidal-subtidal, salt marsh, beach, mudflat, estuarine, shelfal and reefal habitats. three hours of lecture and one three-hour lab per week. prerequisites: bio-272, bio-272l or permission of instructor.

mar-410
physical oceanography
3 credits
introduction to the physical aspects and processes of the oceans and their influence on marine ecosystems and earth processes. topics include distribution of salinity and water temperature and their effect on water movement, the oceanic heat budget, atmo-

spheric and oceanic interactions, ocean currents including surface and deep water circulation, waves, tides, and medium- to small-scale circulation features. throughout the course, emphasis is placed on how these physical processes affect the biology of the ocean. three hours of lecture per week. weekend field trips may be required. prerequisites: mar-120.

mar-429
advanced field marine studies
3 credits
diurnal (day-night) and tidal cycles involving physiochemical variables are established for shallow marine habitats from spring to neap tides. corresponding behavioral and physiological rhythms in algae and invertebrates are correlated with abiotic cycles. microgradients in substrate texture, composition, porosity and permeability, illumination, desiccation, and/or wave-exposure along vertical and horizontal surfaces are established. biotic gradients, including distribution, size, abundance, and morphology of associated species, are correlated with abiotic variations. additional course costs defray field work at the marine station for seven-14 days in january prior to the spring semester, with periodic required meetings in the following spring semester. prerequisites: bio-272, bio-272l, mar-227 or mar-228 or mar-229, mar-330. spring.

mar-480
senior thesis
3 credits
a senior thesis is optional for marine sciences majors. however, a senior thesis is required for eligibility to graduate with honors in marine sciences. the topic for investigation will be chosen by the student in consultation with the faculty of the department of geological, environmental, and marine sciences. the student must initiate consideration of a proposal to the department. the proposal must contain a discussion of the proposed project and a timetable to be followed in the study. a departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study. an oral presentation before the department at the conclusion of the semester in which the study is completed is required. proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken. prerequisites: senior standing in the marine sciences major and permission of department chair. fall and spring.

mar-490
independent research and study
1–4 credits

mar-491
internship in marine sciences
1–4 credits
a supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. placements may be in private, public, nonprofit, or governmental organizations. these can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. normally, 50 hours of internship per credit is required. a mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation. prerequisite: 2.5 GPA or permission of instructor.

global and multinational studies (gms)

gms-180
understanding global relations
3 credits
offers an introduction to global and multinational studies by exposing the student to basic concepts necessary to understand the dynamics underlying the emerging world-wide society of diverse nations. the student will become acquainted with the mechanisms by which contacts are built across nations, and the factors that shape the conception of and relations with “the other.”

gms-200
the social construction of global society
3 credits
this course discusses the emergence of an “imagined global community” in the final years of the 20th century, and the beginning of the 21st. the course will examine the forces that contribute to these changes, including the global dissemination of values, the changes in communication technologies, the globalization of the economy, and the spread of international non-governmental institutions and lobbying forces.

gms-201
the politics of the global economy
3 credits
an examination of global political-economic institutions and governmental policies in a period of global structural change and economic crisis. emphasis will be placed upon the attempts by advanced and newly industrializing governments to attract and to regulate transnational industrial and financial enterprise.
Unsure how to proceed.
HIS-201 African-American History 3 credits
Examines the actions and thought of peoples of African ancestry in the United States. Briefly considers Africa before the Atlantic slave trade, then concentrates on major themes in African-American history—the slave trade, slavery, and the genesis of African American society, emancipation and its consequences, urbanization and industrialization, Black Nationalism, the Civil Rights Movement, and African Americans today. Emphasizes African Americans’ dynamic and creative role both in shaping their society and establishing their place in United States society. The on-going struggle for freedom and equality provides thematic continuity for analyzing nearly 400 years of African-American history.

HIS-205 A History of American Business 3 credits
Examines the history of business in the United States from the Colonial Era to the present. Emphasizes such themes as the changing capitalist system, the function of business institutions, the roles of the entrepreneur, the relationship between government and business, and the emergence of the corporation.

HIS-208 U.S. I: American History from European Settlement through Reconstruction 3 credits
A survey of American history from the early 17th century through 1877. Among the topics covered will be settlement and regional differences, the American Revolution and the formation of a national government by 1787. The beginning stages of industrialization, the rise of democratic and reform politics, westward expansion, the debate over slavery and growing sectional tensions through the Civil War and Reconstruction will be major themes in the 19th century. Included will be discussions of African Americans, native Americans, and women.

HIS-209 U.S. II: American History from Reconstruction to the Present 3 credits
A survey of United States history from the end of the Civil War through the present. Included will be discussions of the maturing of an industrial economy, and expansion in the west and overseas. The role of the United States as a world power and the growth of presidential power will be shaped and sometimes challenged by movements designed to expand democratic institutions and human rights. Included will be discussions of African Americans, native Americans, and women.

HIS-214 Europe to 1715 3 credits
Examines the development of European civilization from late Roman times until 1715, stressing the Classical heritage, the main currents of European thought and letters, the Renaissance and Reformation, the Age of Discoveries, and the development of the Old Regime.

HIS-215 Europe Since 1715 3 credits
Examines major political, economic, social, and cultural developments in Europe and the West from 1715 to the present.

HIS-251 Oral History 3 credits
A study of the theory and practice of oral history. Involves an examination of the methodology and functions of oral history, the nature and character of oral evidence, and the place of oral testimony within the historical discipline.

HIS-266 Modern Britain 3 credits
British history from pre-Roman times to the Glorious Revolution is examined, emphasizing the growth of royal government, parliament, and the origins of the British colonial empire.

HIS-268 History of Ireland 3 credits
Beginning with an overview of the Irish past, focuses upon the past century of the island’s history—the problems, challenges, and accommodations that led to the present situation as one of the most protracted unresolved partitions in the modern nation-state system.

HIS-269 Women in Europe from Antiquity to the French Revolution 3 credits
Traces the history of women in Europe from Rome to the French Revolution, covering the religious, social, political, and economic context in which women participated. Also
offers a brief overview of theories and issues in women's history and gender history.

**HIS-273 Imperial Russia**  
3 credits  
Discusses the political, economic, social and cultural developments in Russia and its borderlands during the Imperial period, that is to say the 18th and 19th centuries from Peter the Great to the Revolutions of 1917.

**HIS-274 Modern Russia**  
3 credits  
Covers the background to the Russian revolutions of 1917, the revolutions themselves, and the evolution and dissolution of the Soviet regime. Cultural, social and economic aspects of this period receive as much attention as political aspects.

**HIS-275 Italy from the Middle Ages to the Present**  
3-4 credits  
Traces the history of Italy from the Middle Ages to the present, stressing the connection between culture, religion, politics, and wealth in successive historical periods. Students participating in the two-week travel component at the end of the course may receive four credits.

**HIS-280 Vietnam in Peace and War**  
3 credits  
Examines the history of modern Vietnam, with a focus on the struggle for independence from the late 18th century to the present. Discusses the traditional culture, French colonialism and the development of Vietnamese nationalism, the Japanese occupation in WWII, and the struggle against France and the U.S. in the First and Second Indochinese Wars, as well as the postwar period. Explores the American experience in Vietnam and the impact of the war in the United States.

**HIS-281 The Modern Middle East**  
3 credits  
Examines political, economic, social, and cultural developments in the Near East, from the rise of the Ottoman Empire to the present, stressing the impact of contacts with the West in the 19th and 20th centuries, and the emergence of the contemporary Arab World, Israel, Turkey, and Iran.

**HIS-282 Colonial Latin America**  
3 credits  
Examines the pre-Columbian and colonial periods of Latin-American history. Discusses the Indian, African, and European peoples and pays particular attention to the colonial Spanish and Portuguese societies from their establishment up to the revolutions that brought about political independence.

**HIS-283 Modern Latin America**  
3 credits  
Considers the post-independence history of Latin America, emphasizing the rise of export economies and external economic domination, modernization, and pan-Americanism. Examines the changes undergone by Latin-American nations in the 20th century through an analysis of Mexico, Argentina, Chile, Brazil, Peru, Cuba, and Central America.

**HIS-284 Caribbean History**  
3 credits  
Analyzes the history of the West Indian islands and the lands bordering the Caribbean Sea from pre-Columbian times to the present.

**HIS-285 Traditional China and Japan**  
3 credits  
Sketches the ancient foundations of Asian institutions and culture from 1100 B.C. to A.D. 1800, the beginning of the modern period in the Orient. Focuses chiefly on China and Japan, considering their political, economic, social, philosophical, religious, and aesthetic development.

**HIS-286 Modern East Asia**  
3 credits  
Examines the disintegration of the Ch’ing dynasty in China and the Tokugawa shogunate in Japan under internal stresses and foreign incursions, and the varied experience of those states in coming to terms with the challenges of modernization and westernization. Covers political, economic, social, and cultural factors in China, Japan, and East Asia.

**HIS-287 China in Revolution**  
3 credits  
Treats the Chinese Revolution in terms of political, economic, and social transformation.

**HIS-288 African History**  
3 credits  
Traces the history of Africa, analyzing the unique problems of African historical evidence and the complexity of the continent’s past. Examines the genesis of African culture, early African societies, and the character of African civilizations and empires, then considers external influences such as religion (especially Islam and Christianity), contacts with Europe, the slave trade, the colonial scramble for Africa, colonial rule, modernization and dependency, and concludes by assessing the rise of independent Africa after World War II, its present status and future prospects.

**HIS-289 History of Modern Japan**  
3 credits  
Examines the history of modern Japan from the age of the samurai in the Tokugawa Shogunate to today’s high-tech mass consumer society. It traces the interaction of elements of Japan’s traditional culture with impacts from the outside to create a uniquely-Japanese modernity. It stresses social, economic, and cultural trends, as well as political history, and includes an examination of modern Japanese culture through fiction and film.

**HIS-295 Native American History**  
3 credits  
Traces the experiences of North American Indians from early colonial times to the present day, demonstrating how Indian life has varied and changed throughout our nation’s history. Topics include strategies of resistance and accommodation to colonial powers, 19th-century impacts of U.S. government removal and cultural assimilation policies, and 20th-century cultural and political developments among the nation’s surviving tribes. Rather than “vanishing,” American Indians are a vital and expanding force in modern America.

**HIS-299 American Environmental History**  
3 credits  
Surveys the history of the North American environment from pre-Columbian times through the 20th century. Topics include Native American uses of the environment; the reshaping of ecosystems under European colonization; U.S. frontier expansion; the ecological impact of industrialization and urbanization; and the rise of the environmental movement.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS-300</td>
<td>Economic History of the United States</td>
<td>3</td>
<td>Studies the main currents in the economic growth of America from colonial times to the present. Stresses the process of economic development from an agrarian to an industrial society, and examines the challenges and dislocations resulting from economic change.</td>
</tr>
<tr>
<td>HIS-301</td>
<td>Constitutional History of the United States</td>
<td>3</td>
<td>Surveys the English, Colonial, and Confederation backgrounds of American law and constitutionalism; the framing, adoption, and implementation of the Federal Constitution and its later development; the role of law in the nation’s history; the changing interpretations of federalism; the growth of judicial review; and the increasing role of the Supreme Court.</td>
</tr>
<tr>
<td>HIS-302</td>
<td>The American Worker: A Social History</td>
<td>3</td>
<td>Investigates the American workers’ varied social, cultural, religious, and ethnic environment from post-Civil War to the present. Emphasizes worker response to industrialization, urbanization, the technical revolution, and automation.</td>
</tr>
<tr>
<td>HIS-303</td>
<td>American Urban History</td>
<td>3</td>
<td>Traces the growth of urbanism in America from colonial times to the present. Focuses on the interaction between the city dweller and the urban environment and explores the problems confronting urban America today.</td>
</tr>
<tr>
<td>HIS-304</td>
<td>Civil War and Reconstruction</td>
<td>3</td>
<td>Considers the Civil War as a watershed in the development of the American republic. Analyzes antebellum sectional conflict, the war years, and the era of Reconstruction.</td>
</tr>
<tr>
<td>HIS-305</td>
<td>U.S. Cultural History I</td>
<td>3</td>
<td>Examines cultural developments in the United States through the Civil War. Topics include popular culture, the history of the body, reading and print culture, public celebrations and holidays, religion, race and ethnicity, and material culture. Some of the larger trends explored include the creation of American nationalism, the development of a consumer society, and the rise and decline of 19th-century family life and culture.</td>
</tr>
<tr>
<td>HIS-306</td>
<td>U.S. Cultural History II</td>
<td>3</td>
<td>Examines cultural developments in the United States from the late 19th century to the present. Topics include popular culture, intellectual history, gender history, literary history, film, institutions like museums and department stores, subcultures and counter-cultures, popular commemorations like World’s Fairs, and political culture. Some of the larger trends explored include the development of the modern culture of consumption, the urban landscape, and the polarization of cultural values.</td>
</tr>
<tr>
<td>HIS-307</td>
<td>The Immigrant in American Life</td>
<td>3</td>
<td>Examines the experiences of immigrants in the United States, their assimilation, the reactions to them, and their contributions.</td>
</tr>
<tr>
<td>HIS-308</td>
<td>The History of New Jersey</td>
<td>3</td>
<td>Explores the history of New Jersey from the colonial period to the present including the role of New Jersey in the American Revolution, the establishment of the Constitution, and the course of industrialization. Examines the impact of national and international developments on New Jersey and emphasizes the distinctive characteristics of the Garden State.</td>
</tr>
<tr>
<td>HIS-309</td>
<td>Women in American History</td>
<td>3</td>
<td>Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.</td>
</tr>
<tr>
<td>HIS-310</td>
<td>American Foreign Relations to 1900</td>
<td>3</td>
<td>Investigates the processes and techniques of American foreign policy. Covers American diplomatic history from its colonial background and the Revolution to the new imperialism.</td>
</tr>
<tr>
<td>HIS-311</td>
<td>American Foreign Relations Since 1900</td>
<td>3</td>
<td>Examines the diplomatic history of the United States from the new imperialism of the 1890s to the present, focusing especially upon the Spanish-American War, World Wars I and II, the Cold War and its aftermath.</td>
</tr>
<tr>
<td>HIS-312</td>
<td>History Abroad</td>
<td>3</td>
<td>Two-week travel course to a destination chosen by the professor. Exposes students to historic and cultural sites and works of art that have been studied in class. Students must attend orientation sessions, read assigned writings, complete a travel journal, write a final paper on a topic relevant to the course, and attend all scheduled course activities abroad. Travel will take place in January or at the end of the spring semester.</td>
</tr>
<tr>
<td>HIS-313</td>
<td>Modern European Intellectual History</td>
<td>3</td>
<td>Examines the 17th-century revolution in scientific, philosophical, and political thought; the Enlightenment; Romanticism; the ideologies of Conservatism, Liberalism, and Socialism; Positivism; Darwinism; the crisis of European thought (1880-1914); and the major intellectual trends of the 20th century.</td>
</tr>
<tr>
<td>HIS-314</td>
<td>History of Socialism</td>
<td>3</td>
<td>Considers the historical development of socialist ideas and their adaptations from ancient times to the present, including ancient and Judaic-Christian antecedents, Utopian Socialism, Marxism, Anarchism, Communism, and Democratic Socialism, emphasizing the historical comparisons among these schools.</td>
</tr>
<tr>
<td>HIS-315</td>
<td>History of Ancient Greece</td>
<td>3</td>
<td>Surveys the intellectual and cultural life of ancient Greek civilization against the background of its political, economic, and social history.</td>
</tr>
<tr>
<td>HIS-316</td>
<td>History of Ancient Rome</td>
<td>3</td>
<td>Studies the history and culture of Rome, emphasizing such topics as Roman law, government, literature, religion, art, and philosophy.</td>
</tr>
<tr>
<td>HIS-317</td>
<td>The Era of World War II</td>
<td>3</td>
<td>Investigates selected topics relating to the origins, events, and outcome of World War II, emphasizing the war’s impact on 20th-century civilization. Traces the roots of the conflict back to the World War I peace settlements, and examines the rise of totalitarianism, pre-war aggression and appeasement, the immediate causes of the war’s outbreak, the course of military actions,</td>
</tr>
</tbody>
</table>
the diplomacy of the belligerents, the War’s impact on civilian life, and factors that shaped the post-war world.

**HIS-318**
**The American Revolution**
**3 credits**
Examines the growing rift between the American colonies and the British Empire, the War for Independence, and the creation of a new American republic. Explores the political, economic, social and cultural history of the Revolutionary era, and includes the experiences of various groups such as Native Americans, slaves, and women.

**HIS-320**
**The History of Christianity**
**3 credits**
Examines Christianity’s role in world history from the life and times of Jesus to the present. Emphasizes the quest for the historical Jesus, the emergence of Christianity after his death and triumph during the later Roman Empire, and Christian relations with pagans, Jews, heretics, witches and Muslims. Traces the various branches of Christianity, its spread throughout the world, church-state relations and responses to secularism, capitalism, and communism.

**HIS-325**
**Church and Society in Medieval Europe**
**3 credits**
Studies the role of the church in the shaping of early medieval society. Emphasizes the emergence of Christianity as a world force, its challenge from Islam, and the church’s impact on the politics, thought, and economy of early medieval Europe.

**HIS-331**
**Renaissance and Reformation**
**3 credits**
Studies the Renaissance, including the development of humanism and art as well as the political and economic changes of the period. Discusses the Renaissance church and movements for religious reform, leading to a consideration of the origins, development, and consequences of the Reformation. Examines the influence of the Renaissance and Reformation on the development of capitalism and the dynamic, secular nation-state.

**HIS-339**
**Women in East Asia**
**3 credits**
Treats the history of the relationship between women and society in traditional East Asia and the modern transformation of their relationship.

**HIS-340**
**A History of Medicine and Health**
**3 credits**
Examines the development of medicine and health in the West, with emphasis on the American experience. The course will examine the folk and magical medical practices, the rise of scientific, rational explanations for disease in the ancient Greek, Islamic, and Renaissance European traditions, and the business of health provision. The impact of disease, especially epidemic disease, on human health will be examined. Women’s health issues will be discussed. Life expectancy, fertility, migration and living standards will provide the context for the discussion of health and longevity.

**HIS-350**
**20th-Century Europe**
**3 credits**
Studies the background and course of the two world wars, the related peace settlements, and their results, and the domestic and international politics as a way of understanding the contemporary scene. Emphasizes nationalism, power politics, collective security, imperialism, fascism, and communism in their economic, social, and intellectual context.

**HIS-355**
**History of 20th-Century Diplomacy**
**3 credits**
Explores significant developments in international relations from the events leading up to the First World War through the post-Cold War era. It examines examples of the successes and failures of modern states in efforts to enhance their security through their foreign policies, and it focuses on the political, economic, geographical, ideological, and cultural factors that have shaped nations’ roles in the international arena since 1900.

**HIS-360**
**Seminar in Historiography**
**3 credits**
Briefly describes the evolution of Western historical thought from the Greeks to the present, focusing on the new directions history has taken in the 19th and 20th century. Also introduces such theoretical issues as the connection between structures and events, historical causation, objectivity, and the uses of history. Encourages the application of growing historiographical sophistication through the analysis of distinguished works of current scholarship.

**HIS-375**
**American Military History**
**3 credits**
Prefaced by a brief consideration of the principles of war and the immediate European background of military technology and doctrine. Considers the growth and change of the United States armed forces, their experience in the nation’s wars, and their position in facing world challenges today.

**HIS-376**
**Warfare in History**
**3 credits**
Studies the evolution of international and intergroup conflict through the ages: principles, theories, and kinds of war; the great military practitioners and thinkers of world history. Briefly touches upon the American experience as a recent segment in world military and cultural history.

**HIS-460**
**History and Historical Method**
**3 credits**
Seminar in the principles and practice of historical research. Required of history majors at the senior level. Prerequisite: HIS-360.

**HIS-490**
**Independent Research and Study**
**1–4 credits**

**HIS-491**
**Internship in History**
**1–4 credits**
Internships to be offered each semester with such institutions as the New Jersey State Archives and the David Library of the American Revolution.

**HRM-312**
**Introduction to Labor Relations**
**3 credits**
This course deals with the relationship of labor unions and management, the fundamentals of collective bargaining, and labor legislation. The structure and growth of unions as well as the relationships and problems that exist among private and public sector organizations, the labor force, and government are surveyed. Prerequisite: MGT-310 or permission of instructor.
HRM-313 Legal Aspects of Human Resource Management 3 credits
This course deals with the various laws that affect human resource management, including social insurance, legislation, minimum wage laws, OSHA, ERISA, as well as equal employment opportunity legislation. This course is concerned not only with the provisions of these laws, but also with their constitutionality, their effects, and how they are administered. Prerequisite: MGT-310 or permission of instructor.

HRM-315 Employee Selection and Training 3 credits
This course explains the processes involved in selecting and training employees. With regards to selection, attention is given to important issues that arise in the selection of employees. Some specific examples include, evaluating applicant credentials, administering pre-employment tests and complying with equal employment opportunity legislation. With regards to training, topics include assessing the need for training, designing effective training programs, utilizing methods such as technology to deliver training, and evaluating the effectiveness of training programs. Course topics and events are presented chronologically as they would occur in an organization, with employee selection occurring first and training to address employee improvement opportunities occurring second. Prerequisite: MGT-310.

HRM-316 Compensation Administration 3 credits
A study of the techniques of job analysis as well as the various methods of job evaluation to establish base rates in industry, government, and nonprofit institutions. The wage and salary structure as well as the wage and salary level are analyzed. Also studied are current trends in the compensation of hourly and salaried employees, including benefits, in both the public and private sectors. Prerequisite: MGT-310.

HRM-441 Selected Topics in Human Resource Management 3 credits
Deals with one area of study in the field of human resource management such as protective labor legislation, mediation and arbitration, the administration of labor unions, or case problems in human resource management. The topic varies each semester and is announced at the time of registration. Prerequisite: MGT-310 or permission of instructor.

HRM-490 Independent Research and Study 3 credits

HRM-492 Internship in Human Resource Management 3 credits
Supplements classroom principles and theories by offering the student an opportunity to study under directors of industrial relations or human resource management of Delaware Valley companies. Work-study programs are worked out between company and instructor. A minimum of eight hours of internship per week during the semester and meetings with the instructor are required. Prerequisites: major in human resource management or management and organizational behavior, and MGT-310; senior status, and permission of instructor.

COURSE DESCRIPTIONS

IND-210 Global Encounters: A Cultural Experience by Travel in [Site(s)] 3 credits
This course provides students with an exposure to foreign cultures consisting of both travel and study components. Destinations may include countries in Europe, Latin America, or Asia. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political, and aesthetic cultural components appropriate to the location(s) visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. A travel fee is required. No foreign language skills are required unless otherwise indicated.

IND-300 Supervised Study 1–4 credits
Juniors and seniors in good academic standing who, for reasons beyond their control, find that a required course has not been scheduled before they expect to graduate, may receive permission from a faculty sponsor, the chairperson, and the dean to register for a supervised study. Appropriate forms (available in the dean’s office) must be completed and approved no later than the last day to add courses for the semester in which the supervised study is to be undertaken.

IND-398 The Co-operative Experience Seminar 3–6 credits
This course will typically meet one day per week during the co-operative experience. The seminar is designed to expose participants to appropriate interdisciplinary content, ethical principles, professionalism, group and organizational behavior, interpersonal communication skills, critical thinking and problem solving skills. Students may be assessed on presentations, papers, journals and other measures as defined in a placement contract mutually agreed upon by the sponsoring faculty member, the organizational representative of the placement site, and the student. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. Contact the appropriate department for additional information. Prerequisites: junior standing and 2.75 GPA at time of registration. Co-requisite: (dept.)-399 The Co-operative Experience. IND-398 and (dept.)-399 combined cannot exceed 15 credits.

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

IND-401 Seminar in Russian Area Studies 3 credits
This senior-level course explores carefully selected topics concerning Russia or the former Soviet Union in greater depth than is possible in the regular curriculum. The topics change in accordance with the interests of the students and the instructors. Possible topics include the city in Russian literature,
the silver age of Russian culture 1870–1917, Russian intellectual history in the 19th or 20th century, the development of the Russian Revolutionary movement, and Marxism in Soviet thought.

**International Studies (INT)**

**INT-314, INT-315, INT-316**

**Study Abroad**

12–17 credits per semester

Study Abroad options available to students through Rider study abroad agreements include a wide variety of academic locations and courses. Programs may include opportunities for intensive language study as well as courses in other academic disciplines that may include the local culture, literature, art, music, history, or politics of the site selected for study. Some sites provide courses taught in English. Students may be approved to enroll in Study Abroad for a semester, summer session or a full year. Additional information is available from the study abroad office. Prerequisites: 2.5 GPA; sophomore standing or above.

**Law and Justice (LAW)**

**LAW-140**

**Introductory Seminar in Law and Justice**

3 credits

Introduces students to the interdisciplinary study of law and justice. The seminar is designed to enable students to think critically about legal issues, address legal problems from various viewpoints, and apply different types of theories of justice to analyze laws and legal institutions. Students will learn to address law and legal issues from a variety of perspectives and approaches: anthropological, historical, literary, philosophical, political, psychological, and sociological. Open to freshmen and sophomores only.

**LAW-150**

**Introduction to Forensics**

3 credits

Introduces students to principles of forensic science. Whether the issue is establishing paternity or cause of death, determining arson or liability, or deciding criminal guilt or innocence, collecting and evaluating forensic material is typically involved. Students will learn the meaning and significance of scientific evidence and its role in criminal investigations and civil and criminal trials. Students will learn how forensic scientists work, define a problem, collect data, and analyze results. Case studies, crime simulations and examination of criminal evidence will highlight the application of scientific principles.

**LAW-204**

**Law, Literature, and Film in America**

3 credits

Focuses in an interdisciplinary manner on law and justice as represented in American literature and films. It analyzes novels, short stories, and selected non-fiction texts from the perspectives of literary criticism, social history, and cultural and American studies.

**LAW-210**

**Criminal Investigation**

3 credits

Approaches criminal investigation from a conceptual viewpoint to bring the ethical and legal obligation of the investigator into proper perspective. Students will also be exposed to the larger social issues involved in criminal investigation. It includes topics such as principles of criminal investigations, the rules and procedures of preliminary and follow-up investigations, the art of interrogation, recording of statements, confessions, and the collection and preservation of physical evidence at the crime scene. Emphasis is placed on the need for meticulous adherence to rules of law and ethical practices, as an investigation proceeds from initial actions to arrest, and eventual prosecution. The course also examines the methods used in scientific interpretation of evidence and the preparation of criminal cases for trials, as well as its role in today’s criminal justice system. Prerequisite: LAW-150.

**LAW-304**

**Women and Law**

3 credits

Explores the social, economic, political and cultural context of laws relating to women and gender, such as workplace discrimination, divorce and child custody and reproductive rights. It examines how such laws have changed historically and the impact such laws have had on women as well as on men and on American society. The course also examines women in the legal profession and their impact on the practice of law and legal reasoning.

**LAW-305**

**Trial Advocacy**

3 credits

Integrates knowledge and understanding of substantive laws pertaining to a specific case, with examination of the court process. Students develop their communications skills and their ability to evaluate facts and the relevance of various forms of evidence. By participating in the legal process from the inception of a case to its legal outcome, students gain an understanding of the complexity of the legal process and the social roles of the various actors (plaintiffs, defendants, jurors, lawyers, judges, witnesses) involved.

**LAW-306**

**Law and Justice Experience**

3 credits

Provides supervised work experience in an institution, office or agency related to law or law enforcement, such as courts, prosecutor/defense attorney offices, private law offices, state agencies, and local police departments. Students are expected to apply and broaden the knowledge obtained from law and justice courses to their field work experience. Students meet as a class with a faculty instructor to discuss and analyze their field work experiences. Available to juniors and seniors in law and justice minor or by approval of the director of law and justice program. Prerequisites: minimum 2.75 GPA and permission of instructor.

**LAW-307**

**Criminal Justice Practice**

3 credits

Examines how recent social, economic, technological and legal changes have affected criminal justice agencies and practitioners. It will explore how the work organizations of criminal justice practitioners have changed and assess current new directions in the field. Students will examine the work and work settings of criminal justice practitioners and the culture and structure of different criminal justice agencies. Through a variety of case studies and projects (including interviews and visits to criminal justice agencies) students will examine types of work in the field of criminal justice, assess the effects of current social policies on criminal justice careers, and explore ethical issues raised by changes in criminal justice practice. Prerequisite: junior standing.

**LAW-308**

**Conflict and Conflict Resolution**

3 credits

Focuses on understanding the meaning of conflict and strategies for its resolution. The course examines the ways conflict functions in various social contexts including professional, community, family, education, and international relations. Traditional models of adjudication will be compared to alternative forms of dispute resolution. Students will be introduced to research on the practice and effectiveness of various forms of conflict and conflict resolution. Students will participate in various class exercises, including role-plays, simulations, and case studies.
Leadership Development Program (LDP)

LDP-200 Foundations of Leadership 3 credits
This course provides students with a working model of leadership to guide their personal leadership development. It also exposes students to insights about leadership from respected commentators, scholars, and practitioners through the ages. Finally, it provides students with an opportunity to actively "do" leadership through experiential learning activities.

Liberal Studies (LIB)

LIB-200 Introduction to Liberal Studies 3 credits
Introduces students to the various perspectives and methods of the disciplines in liberal studies: natural and social sciences, humanities, and the arts. Students learn the multifaceted nature of reality by contrasting the types of questions and answers offered by each discipline. They study the historical development of the university and the rise and transformation of liberal studies disciplines.

LIB-400 Seminar in Liberal Studies 3 credits
A critical examination of the tradition of Western humanism and the way it has been transmitted through liberal arts education. Deals with a variable set of permanent problems in humanistic debate and learning—e.g., specialization, the need for unifying theories of knowledge, the purpose of history, the place of intellectual life in mass society, the problems have been addressed rather than transmitted through liberal arts education. Students are expected to apply and broaden the knowledge obtained from law and justice minor courses to their field work experience. Prerequisites: 2.75 GPA and permission of the director of the law and justice program. Fall, spring, summer.

LIB-490 Independent and Supervised Study
Independent and Supervised Study is available to CCS students for special study projects. Students must have completed a minimum of 45 credits applicable to a Rider degree and a minimum of 12 credit hours at Rider with a GPA of 2.5 or better. Each project may be taken for one-four credits and a maximum of six credits may be applied to the associate degree, 12 credits to the bachelor degree.
Management and Human Resources (MGT)

MGT-201
Fundamentals of Management and Organizational Behavior
3 credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.

MGT-310
Introduction to Human Resource Management
3 credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, training, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline. Prerequisite: MGT-201 or permission of instructor.

MGT-320
Managing Workforce Diversity
3 credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious—gender, race, age, and physical characteristics. Other differences are not as easily observed—family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth. Prerequisite: MGT-201 or permission of instructor.

MGT-336
Career Management
3 credits
How careers are shaped by individual needs and experience and assisted by organization systems and practices is the focus of this course. The meaning of work and the development of careers are discussed, and students undertake self-assessment for the purpose of career planning. Careers are examined in the context of important changes occurring today in the world of work. The impact of the executive, organizational counselors and trainers, and the educational system upon the development of human potential is examined, along with the techniques for human resource planning and development. Prerequisite: MGT-201 or permission of instructor.

MGT-346
Negotiation
3 credits
The purpose of this course is first, to explore the major concepts and theories behind effective negotiating practices and second, to develop negotiating skills applicable to a wide range of contexts. A knowledge of negotiation is a crucial requirement for anyone interested in a business career since it is a common mechanism for implementing change and for resolving conflict in the workplace. This course will provide both conceptual knowledge and practical skills in the art of negotiation. Topics will include two-party negotiations, power and politics, mediation, arbitration, and collective bargaining. A variety of teaching techniques will be used including readings, discussion, and role-playing. Prerequisite: MGT-201 or permission of the instructor.

MGT-348
Small Business Management
3 credits
The role of small business in the American economy is examined. Favorable practices, policies, functions, principles and procedures of and for the small business entrepreneur and owner-manager are studied. Includes learning a method to evaluate a new venture. Prerequisite: MGT-201 or permission of instructor.

MGT-355
Team Management
3 credits
This course prepares students to work in organizations that use teams as an integral part of their functioning—an increasingly common practice. The class involves intensive group interaction, focusing on individual growth in group settings. Working with other students in role-plays, exercises, and team assignments allows the student to develop better communication and leadership skills. Prerequisite: MGT-201 or permission of instructor.

MGT-363
Management Skills
3 credits
The focus of this course is on specific skills necessary for success in a management role. These skills include leading, communicating effectively, delegating, conflict and time management and motivating others. Students will have opportunities to practice skills and to apply their knowledge to business cases. Prerequisite: MGT-201 or permission of instructor.

MGT-375
International Management
3 credits
This course explores the ways in which culture impacts management practices and organizational behavior and dynamics. Topics include cross cultural communication, expatriate selection and training, leading and motivating cross cultural teams, developing organizational strategies to compete in a global market place, international business ethics, and so forth. Prerequisite: MGT-201.

MGT-421
Selected Topics in Management and Organizational Behavior
3 credits
The seminar focuses on an area of study announced at the time of registration (students should check the registration material). Examples of possible topics are: TQM, diversity, leadership, motivation, etc. Prerequisites vary according to the topic and are listed in the registration material. Prerequisite: MGT-201 or permission of instructor.

MGT-448
Seminar in Small Business Consulting
3 credits
This course utilizes student teams to assist existing small businesses in solving problems or researching opportunities. Students will spend the majority of time in the field utilizing an experiential learning approach. Weekly activity logs, proposal development, and project completion are required. Restricted to seniors. Prerequisite: MGT-348 and permission of instructor. Spring.

MGT-490
Independent Research and Study
3 credits
Research proposals are initiated by the student, although the final topic must be approved by the professor and by the department chairperson. Available only for seniors. No more than four credits allowed toward graduation. Prerequisites: MGT-201 and permission of instructor.
and geometric preliminaries, the limit of a function, differentiation, applications of the derivative and an introduction to the integral. Important classes of functions studied in this first course include the polynomial, rational, and trigonometric functions. Fall.

MSD-111
Mathematics for Actuarial Science II
3 credits
This course focuses on single-variable integral calculus. Topics include techniques of differentiation, application of the integral, the logarithmic and exponential functions, infinite series, and polar coordinates. Prerequisite: MSD-110 or equivalent. Spring.

MSD-112
Mathematics for Actuarial Science III
3 credits
This course focuses on multivariate calculus and linear algebra. Topics include differentiation and integration in higher dimensions and their applications, three dimensional geometry, matrices, vector spaces, and the eigenvalue problem. Prerequisite: MSD-111. Fall.

MSD-200
Statistical Methods I
3 credits
Methods and applications of descriptive and inferential statistics are examined. Topics include graphical techniques, descriptive measures, random variables, sampling distributions, and estimation and hypothesis testing for the mean and proportion of one population. Prerequisite: MSD-105 or equivalent.

MSD-201
Statistical Methods II
3 credits
A continuation of MSD-200. Topics include comparison of two means, proportions and variances, simple linear regression, chi square tests, and the analysis of variance. Prerequisite: MSD-200.

MSD-320
Quantitative Methods in Business Forecasting
3 credits
A study of the various quantitative techniques applicable to the problems of forecasting that occur in business and industry. Topics may include the regression techniques of causal modeling, as well as the moving average, exponential smoothing, and Box-Jenkins approaches of time series analysis. All methods are illustrated with the use of realistic forecasts. Prerequisite: MSD-201 or MTH-341. Fall.

MSD-325
Applied Regression and Analysis of Variance
3 credits
This course examines the use of applied linear statistical models to adequately describe practical relationships in business and economics. The implementation of a popular statistical computing package to analyze realistic data sets is an important component of the course. Topics include simple and multiple linear regression, model diagnostics and remedial measures, and the analysis of variance. Prerequisite: MSD-201 or MTH-341. Spring.

MSD-340
Production and Operations
3 credits
This course introduces the concepts and techniques of designing and managing manufacturing and service systems and their operations effectively and efficiently. Major topics include product and process design, facility location, forecasting, aggregate planning, inventory management, supply chain management, project management, just-in-time systems, quality assurance, linear programming, and the transportation problem. Current issues such as productivity, global competitiveness, and quality are also discussed. Prerequisites: MSD-105 or MSD-110, MSD-200 or MTH-340, MSD-201 or MTH-341.

MSD-350
Compound Interest Theory
3 credits
A thorough treatment of the theory and applications of compound interest. Topics include the measurement of interest, elementary and general annuities, amortization schedules and sinking funds, and bonds and other securities. Prerequisite: MSD-112 or equivalent. Spring.

MSD-440
Life Contingencies I
3 credits
The first of a two-semester survey of the principles of life contingencies with application to life insurance practice. Topics include survival distributions, life insurance, life annuities, benefit premiums and benefit reserves. Prerequisite: MSD-112, MTH-340 and MSD-350. Fall.

MSD-441
Life Contingencies II
3 credits
The second of a two-semester survey of the principles of life contingencies with application to life insurance practice. Topics include analysis of benefit reserves, multiple life functions, multiple decrement functions, and insurance models with expenses. Prerequisite: MSD-440. Spring.
MSD-490
Independent Research and Study
3 credits
Topic to be approved by professor and department chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.

MSD-491
Summer Management Sciences Internship
3 credits
An honors course that provides the student with approximately two months of supervised employment with participating companies. Students are given a variety of work experiences. They are required to complete a term paper and to make an oral presentation to the faculty. Pass/fail. Prerequisite: permission of instructor. Summer.

Marketing (MKT)

MKT-200
Marketing Principles
3 credits
Market characteristics, consumer buying habits and motives, functions of marketing, and the fields of retailing and wholesaling—including the role of intermediaries—are examined. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.

MKT-305
Social Issues in Marketing
3 credits
Investigation, through discussion and readings, of the relevance and role of marketing in influencing social change. Emphasizes the social responsibility of the marketing system. For students with majors in marketing and business and others who wish to broaden their educational exposure. No prior marketing courses required.

MKT-310
Business to Business Marketing
3 credits
The practices and policies used in the marketing of goods and services to business and industrial buyers are analyzed, focusing on the market and the demand for products, marketing research, product planning, channels of distribution, pricing policies and practices, and the development of sales programs and service policies. Prerequisite: MKT-200.

MKT-320
Consumer Behavior
3 credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior. Required for advertising majors. Prerequisite: MKT-200.

MKT-330
International Marketing
3 credits
The role of enterprise, comparative marketing and transport institutions and systems, and comparative marketing organizations and systems of administration in selected foreign countries and the United States is assessed. The managerial and operational problems of world enterprise, with emphasis on the role of ethnic and cultural differences in influencing marketing strategy, are discussed. Prerequisite: MKT-200.

MKT-340
Personal Selling
3 credits
Examines persuasive techniques utilized in sales presentations conducted on a person-to-person basis. Major course emphasis is on developing effective selling techniques; understanding the company, its products and the role of the salesperson in implementing product/market strategies; understanding the customers and the selling environment; application of effective sales presentation techniques; recognizing selling opportunities and careers. Prerequisite: MKT-200.

MKT-350
Retailing Management
3 credits
The principles underlying successful retailing are analyzed within the framework of the strategic-planning process. Topics covered include location, merchandise planning, customer service, image, atmosphere, layout, pricing, promotion, personnel and operations management. Prerequisite: MKT-200.

MKT-360
Services Marketing
3 credits
Focuses on the unique challenges of managing services and delivering quality service to customers. Emphasis is placed on the total organization, and how effective marketing and customer focus must be coordinated across multiple functions. The course is applicable to service organizations and to organizations that depend on service excellence for competitive advantage. Topics include customer-focused management, and customer satisfaction, retention, lifetime value and profitability. Students will learn to map services, understand customer expectations, and develop relationship marketing strategies. Prerequisite: MKT-200.

MKT-366
Marketing Research
3 credits
Topics include specific research procedures in gathering, processing, analyzing, and presenting information relevant to marketing problems: advertising planning and effectiveness; product development; distribution channels; sales techniques; consumer behavior; and forecasting. Student learning about research planning, implementation, and interpretation is facilitated by the use of projects or cases. Prerequisites: MKT-200; MSD-200, MSD-201; junior standing. Required for marketing and advertising majors.

MKT-380
Healthcare Marketing
3 credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior. Required for advertising majors. Prerequisite: MKT-200.

MKT-390
Healthcare Marketing
3 credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Emphasis is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies. Prerequisite: MKT-200 or permission of instructor.

MKT-406
Marketing Research Project
3 credits
An opportunity for continued learning about marketing research, primarily through implementation of an actual research project. The course focuses on the application of material learned in MKT-366, but extends learning through lectures, discussions, or experiential exercises in all areas of research methodology, including research design, instrumentation, data collection and analysis, and report preparation. Prerequisite: MKT-366 and senior standing.

MKT-440
Sales Management
3 credits
By means of lectures, discussions, and case studies, the field of marketing management is analyzed from the viewpoint of sales executives. The responsibilities for planning and administering personal selling operations are emphasized. Considerable attention is given to other activities for which sales executives may be wholly or jointly responsible, such as
Mathematics (MTH)

A passing grade on the Mathematics Placement Test, or a minimum score of 550 on the mathematics section of the SAT, or completion of MTH-100S Math Skills Lab, is required for admission to MTH-102 Elements of Finite Math. A passing score on the Mathematics Placement Test and on the algebra section of the Mathematics and Science Major Placement Test, or a minimum score of 550 on the SAT, together with a passing score on the algebra section of the above test, or completion of MTH-100S Math Skills Lab together with a passing score on the algebra section is required for admission to MTH-105 Algebra and Trigonometry. Passing scores on the Mathematics Placement Test and on the algebra and pre-calculus sections of the Mathematics and Science Major Placement Test, or a minimum score of 550 on the SAT, together with passing scores on the algebra and pre-calculus sections, or completion of MTH-100S Math Skills Lab, together with passing scores on the algebra and pre-calculus sections, or completion of MTH-105 Algebra and Trigonometry, is required for admission to MTH-210 Calculus I.

MTH-100S
Math Skills Lab
1 supplemental education unit
The Math Skills Lab helps students master arithmetic and elementary algebra necessary for college level mathematics courses. Students in the College of Liberal Arts, Education, and Sciences who do not pass the Mathematics Placement Test are required to complete the Math Skills Lab successfully before enrolling in liberal arts mathematics courses. Students are required to attend regular class sessions. Students have access to tutors, computer-assisted instruction, and structured workshops. The one supplemental education unit does not count toward graduation; grading is done on a Y/Z (pass/not pass) basis.

MTH-102
Elements of Finite Mathematics
3 credits
The course begins with consolidation of some basic topics including sets, number theory, real numbers, functions, and graphs. Statistics and probability theory are introduced with applications to the social and natural sciences. Throughout the course there will be an emphasis on formulating and solving familiar sorts of problems in mathematical terms. Prerequisite: see note under mathematics heading.

MTH-105
Algebra and Trigonometry
4 credits
Algebraic functions, trigonometric functions, identities and conditional equations, inequalities, exponential and logarithmic functions. Students who take MTH-105 may not take MSD-105 for credit. Prerequisite: see note under mathematics heading.

MTH-120
Introduction to Applied Statistics
3 credits
Collection and presentation of data. Measures of location and variation, sampling theory, hypothesis testing, confidence intervals, t-tests, chi-square tests, regression, and correlation. Emphasizes practical applications. Prerequisite: MTH-102 or MTH-105. Not open to business administration, chemistry, environmental geosciences, marine sciences, math or liberal studies: marine ecological or environmental emphasis majors. Spring.

MTH-210
Calculus I
4 credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives. Prerequisite: MTH-105 or placement by examination.

MTH-211
Calculus II
4 credits
The definite integral, differentiation of transcendental functions, methods of integration and approximate integration, determination of area, volume, and surface area. Prerequisite: MTH-210.

MTH-212
Calculus III
4 credits
Infinite series; functions of two and three variables, vectors and tangent planes, partial derivatives, multiple integrals, determination of volume and density. Prerequisite: MTH-211.

MTH-230
Discrete Mathematics
4 credits
An introduction to topics in Discrete Mathematics. This course covers methods of proof, induction and recursion, and other topics in discrete mathematics. Topics may include graph theory, trees, and symmetry groups. Prerequisite: MTH-102, MTH-105 or MTH-210.
COURSE DESCRIPTIONS

MTH-240
Linear Algebra
3 credits
Systems of linear equations; vector spaces; linear independence; determinants; orthogonality; linear maps; eigenvectors. Pre- or corequisites: MTH-210; sophomore standing; or permission of instructor. Fall.

MTH-250
Differential Equations
3 credits
First order differential equations, separable and exact; integrating factors; second order linear differential equations; series solutions of second order linear differential equations; higher order equations; existence and uniqueness theorems; systems of linear differential equations. Prerequisites: MTH-240, MTH-211. Pre- or Corequisite: MTH-212. Spring.

MTH-308
Advanced Calculus
3 credits
Vents, gradients, and directional derivatives, Lagrange multipliers, Taylor’s theorem, multiple integrals, change of variables, line and surface integrals, Stokes’ theorem. Prerequisites: B average in MTH-210 and MTH-211; MTH-212, MTH-240. Fall.

MTH-315
Modern Geometry
3 credits
Covers geometry from a modern point of view, with emphasis on non-Euclidean geometry, particularly projective geometry. Prerequisites: MTH-211, MTH-240. Spring.

MTH-340
Probability and Statistical Analysis I
3 credits
Theory of sets and probability; discrete and continuous random variables and probability distributions. Emphasizes foundations and utilizes the techniques of the calculus. Prerequisite: MTH-212 or MSD-111. Fall.

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

MTH-401
Modern Algebra
3 credits
Provides an introduction to modern abstract algebra. It emphasizes the axiomatic method to analyze the major algebraic systems. The instructor will choose the topics to be studied from among the following algebraic structures: integral domains, fields, complete ordered fields, groups, polynomials, rings, ideals and modules. Prerequisite: MTH-240. Fall.

MTH-402
Topics in Advanced Mathematics
3 credits
Chosen from advanced pure or applied mathematics. Topics vary, depending on instructor. Prerequisite: MTH-308.

MTH-410
Complex Analysis
3 credits
Analytic functions, conformal mapping, power series, Cauchy’s theorem, calculus of residues. Prerequisite: MTH-308. Spring.

MTH-420
Number Theory
3 credits
Covers topics including divisibility theory, the prime numbers, the theorems of congruences and of quadratic reciprocity, and Fermat’s Last Theorem. Other topics may also include applications to cryptography, Pell’s equations, continued fractions, and the theory of partitions. Prerequisite: MTH-240 or permission of instructor.

MTH-430
Introduction to Topology
3 credits
A comprehensive introduction to elementary topology. The concepts of topological spaces and metric spaces will be introduced. Connectedness, compactness and properties of subsets of the real numbers rooted in topology will also be considered. The quotient topology will be used to construct surfaces as identification spaces, and tools will be developed to distinguish one surface from another. Prerequisite: MTH-212.

MTH-440
Real Analysis
3 credits
Covers the theory of sets, the real number system and its properties, convergence of sequences and series of numbers and functions, and the theory of integration, including measure theory, the Riemann integral, and introduction to the Lebesque theory of integration. Pre- or corequisite: MTH-308.

MTH-490
Independent Research and Study
1–4 credits

Multicultural Studies (MCS)

MCS-110
Race, Class and Gender in Contemporary American Society
3 credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors.

MCS-220
Issues in Multicultural Studies
3 credits
An examination of issues and questions posed by the existence of diversity in social life. Students build on what they have learned in MCS-110 by focusing in greater depth on selected aspects of multicultural interaction. Topics change each semester and are listed in the course roster. Recent topics include “Understanding Privilege,” “The Meaning of Difference,” and “Narratives of Human Difference: Science, Politics, Literature.” Pre-requisite: MCS-110 or permission of instructor.

MCS-280
Directed Study in Multicultural Studies
1–4 credits
An intensive study experience in multicultural studies. The student designs and carries out a course of focused study under the supervision of a multicultural studies faculty member. The student’s proposed plan of work must be reviewed and approved by the faculty sponsor and by the multicultural studies advisory committee. May be repeated once for credit.

MCS-491
Internship in Multicultural Studies
1–4 credits
A supervised community service of work experience at an approved site. Placements are made in accordance with each student’s particular theme within multicultural studies. A minimum of three hours per week on site per credit (39 hours per semester); in addition, students complete readings and reports and meet weekly with the instructor. Primarily for multicultural studies minors in their junior or senior year.
Philosophy (PHL)

All philosophy courses have small weekly discussion classes to help the student question, interpret, and critically analyze the course material.

PHL-100
Plato and Aristotle
3 credits
The beginnings of Western scientific and humanistic thought among the early Greeks and their progress into the two great systems of Plato and Aristotle. Selections from Plato and Aristotle are read and discussed to determine the meaning and significance of philosophical ideas that have subsequently influenced the whole history of Western civilization.

PHL-100
Freshman Seminar in Plato and Aristotle
3 credits
Limited to 16 freshmen who are introduced to philosophy through careful and intensive readings of selected texts of Plato and Aristotle, writing a series of analyses and critiques of these texts, and presenting papers and critiques of other students’ papers orally in tutorial situations.

PHL-101
Logic and Language
3 credits
A study of the logical structure of argumentation in ordinary language, with an emphasis on the relation of logic to the uses of language in practical affairs. Traditional informal fallacies are studied as well. Discussions explore the nature of validity, truth, meaning, and evidence in relation to the evaluation of arguments.

PHL-101
Freshman Seminar in Logic and Language
3 credits
Limited to 16 freshmen who are introduced to the study of the logical structure of argumentation in ordinary language. Emphasis on the relation of logic to the uses of language in practical affairs, as well as a study of traditional informal fallacies. Students write a series of analyses and critiques of arguments, as well as present papers and critiques in tutorial situations.

PHL-115
Ethics
3 credits
A combined historical and systematic analysis of the problems of ethics. Such problems as the nature and meaning of moral values and judgments, moral responsibility and freedom, conscience and happiness, the good life, and the relativity of value, are explored through the writings of such philosophers as Plato, Aristotle, Aquinas, Kant, Mill, and Nietzsche.

PHL-205
Hellenistic and Medieval Philosophy
3 credits
The development of European philosophy from the Epicurean and Stoic philosophies of the Graeco-Roman world to the nominalism of William of Occam. Emphasizes the problem of philosophical knowledge, selected metaphorical questions, and the development of Scholasticism. The works of Plotinus, St. Augustine, Anselm of Canterbury, Abelard, Thomas Aquinas, Duns Scotus, and William of Occam are read and discussed.

PHL-207
Asian Philosophy
3 credits
A survey of the principal philosophical perspectives of Asia. Emphasis on the traditional Indian schools of Hinduism, Jainism, and Buddhism, Chinese Confucianism and Taoism, and the development of Zen Buddhism in China and Japan. Philosophical topics include: mystical experience, the ultimate nature of reality, the existence of a soul, the causes of human suffering, and the possibility of release, the nature of virtue and its development, and the nature of society and government.

PHL-210
Symbolic Logic
3 credits
An introduction to logic from the standpoint of modern symbolic methods, including techniques of formal deductive proof, quantification, the logic of relations, and properties of formal deductive systems. Discussions focus on philosophical issues in recent and contemporary logical theory.

PHL-225
Modern Philosophy
3 credits
Examines one of the most exciting periods in the history of philosophy during which philosophers from Descartes to Kant tried to come to terms with the following questions: What is knowledge? Can we know the physical world exists? Can we have scientific knowledge? Can we know God exists? Can we even know whether we exist? The works of Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume and Kant are read and discussed.

PHL-226
The Limits of Reason: 19th Century Philosophy
3 credits
Studies the nature and meaning of reason, freedom, individuality, and society in the writings of philosophers such as Fichte, Hegel, Schopenhauer, Emerson, Thoreau, Comte, Mill, Spencer, Marx, and Nietzsche.
Examination of the impact of such philosophies as the dialectical theory of history, transcendentalism, evolutionary theory, positivism, and existentialism on ideas about the nature and limits of human reason.

**PHL-230**  
**Philosophy of the Sexes**  
*3 credits*  
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women’s and men’s movements will also be examined.

**PHL-245**  
**Philosophies of Education**  
*3 credits*  
Studies classical and contemporary theories of the nature, structure, and aims of education, including major works of such philosophers as Plato, Rousseau, and Dewey. The course will also introduce students to methods of critical philosophical analysis.

**PHL-250**  
**Political Philosophy**  
*3 credits*  
An introduction to the problems of political philosophy with an emphasis on recent and contemporary issues, such as the conflict between liberal and conservative ideologies, fascism, revolution, civil disobedience, and the concept of legitimate political authority.

**PHL-252**  
**The Nature of Art**  
*3 credits*  
An inquiry into the nature of art, creativity, aesthetic experience, and value. Special attention to the importance of art in relation to the nature of man and society. Readings from classical theories of art (Plato, Hegel, Schopenhauer, Croce, Santayana), as well as from contemporary analyses of 20th-century art.

**PHL-300**  
**Philosophy and Civilization**  
*3 credits*  
An investigation of the rise and fall of civilizations in history, studying philosophical questions such as is history cyclical? Linear? Progressive? Directed toward a final goal? What is the role of the individual in history? Of economic, political, sociologic, and psychological causes? Does history have a meaning?

**PHL-303**  
**Philosophy of Law**  
*3 credits*  
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

**PHL-304**  
**Medical Ethics**  
*3 credits*  
Introduces the student to ethical problems associated with the practice of medicine, the pursuit of biomedical research, and health care social policy. The course will explore such issues as: Is a physician morally obligated to tell a terminally ill patient that he or she is dying? Is society ever justified in enacting laws that would commit an individual, against his or her will, to a mental institution? Does society have a moral obligation to ensure that all its members have access to health care? To what extent, if at all, is it ethically acceptable to clone a human being? Under what conditions is human experimentation ethically acceptable?

**PHL-305**  
**Philosophy of Religion**  
*3 credits*  
An inquiry into the meaning, significance, and fundamental problems of religion as they appear in their philosophical perspective. The relation between religion and science, between faith and reason; religious experience, religious truth, and symbolism, etc. will be explored. Selections from the works of Anselm, Aquinas, Augustine, Paley, Hume, Kant, James, and Wittgenstein will be discussed.

**PHL-306**  
**Philosophy of Language**  
*3 credits*  
Theories of language that raise philosophical problems such as the nature of meaning, the adequacy of language, the origin of language, and the relation between language and reality, action, thought, and feeling are considered.

**PHL-310**  
**Problems in 20th-Century Philosophy**  
*3 credits*  
Consideration of major philosophical movements in the 20th century such as phenomenology, existentialism, pragmatism, and analytic philosophy. Within these movements such topics as the function of analysis, language and meaning, the nature of values, the nature of persons, the synthetic-analytic distinction, the mind-body problem, and the possibility of metaphysics are considered. The work of such figures as Wittgenstein, Russell, Heidegger, Husserl, Sartre, Whitehead, and Dewey are read and discussed.

**PHL-315**  
**Existentialism**  
*3 credits*  
Historical development and contemporary problems of existentialism with emphasis on the nature of man, his ability to know his situation, the relation between existence and essence, and the meaning of human life and activity. The works of such figures as Kierkegaard, Sartre, Heidegger, Camus, Kafka, Beckett, Buber, Laing, and Frankl.

**PHL-320**  
**Philosophy of Science**  
*3 credits*  
The logic of fundamental concepts of science and scientific methods are studied. Patterns of explanation are examined to understand the functions of laws, theories, and predictions in science. Inquiry is made into the relation between mathematics and empirical science; similarities and distinctions between the natural and social sciences. The role of science in human affairs and the value of scientific knowledge.

**PHL-334**  
**Theories of Knowledge**  
*3 credits*  
An investigation of selected, representative theories of knowledge from classical and contemporary sources. Considers the analytic-synthetic distinctions, necessary truth, and the relation between language and reality, adequacy of language, the origin of language, and analytic philosophy. Within these movements such topics as the function of analysis, language and meaning, the nature of values, the nature of persons, the synthetic-analytic distinction, the mind-body problem, and the possibility of metaphysics are considered. The work of such figures as Wittgenstein, Russell, Heidegger, Husserl, Sartre, Whitehead, and Dewey are read and discussed.

**PHL-336**  
**Philosophy of Mind**  
*3 credits*  
An investigation of the nature, existence, and capacities of the mind and self in the light of recent philosophical and psychological theories, including psychoanalysis and behaviorism. Considers such topics as the interaction of mind and body, the unconscious, minds and machines, freedom of thought and action.

**PHL-343**  
**Theories of Reality**  
*3 credits*  
An inquiry into the nature of reality. An examination of such metaphysical problems as: the relation between mind and matter, freedom and determinism, the essence and existence of God, substance and process, the nature and limits of metaphysical knowledge. The writings of such classical and recent figures as Plato, Aristotle, Descartes, Kant, Hegel, Bergson, Whitehead, Ayer, and Collingwood are read and discussed.
PHL-348  Indian Philosophy  3 credits
Consideration of major movements in the philosophical tradition of India. Emphasis on the disputes between the traditional Hindu and Buddhist schools of the classical period over logic, knowledge, and reality. Philosophical topics include: skepticism, the problem of universals, realism and idealism, the nature of perception, the problem of induction, the nature of causality, and the problem of identity over time. Philosophers such as Nagarjuna, Vasubandhu, Vatsyayana, Dharmakirti, and Udayana will be read and discussed.

PHL-358  Chinese Philosophy  3 credits
Consideration of major movements in the philosophical tradition of China. Emphasis on the political philosophies of ancient China and the development of Chan Buddhism. Topics include: human nature and the development of virtue, the nature and purpose of government, and the cognitive value of mystical experience. Philosophers such as Confucius, Laozi, Xunzi, Mencius, Mozi, and Zhuangzi will be read and discussed.

PHL-360  Contemporary Ethics  3 credits
Explores recent and contemporary approaches to ethics, value-theory, and normative discourse. Such problems as the meaning and cognitive status of value-judgments, the relation between fact and value, the relativity of values, and how value-beliefs can be justified are considered. Such philosophers as Dewey, G.E. Moore, C.L. Stevenson, C.I. Lewis, and R.M. Hare are read and discussed.

PHL-402  Nietzsche and Nihilism  3 credits
A seminar dealing with Nietzsche’s provocative ideas on Nihilism and the possibility of creating meaning, value, and truth for human existence. Many of his important works are read, analyzed, and critically discussed. Recent scholarly interpretations of Nietzsche’s philosophy are considered. Prerequisite: any previous philosophy course or permission of instructor.

PHL-404  The Philosophy of Wittgenstein  3 credits
Seminar involving a concentrated study of Wittgenstein’s contributions to philosophy with special attention to his analysis of language, meaning, and mental concepts. Prerequisite: any previous philosophy course or permission of instructor.

PHL-406  The Philosophy of David Hume  3 credits
Seminar involving a concentrated study of Hume’s contributions to philosophy, including his work on epistemology, metaphysics, ethics, philosophy of science, and philosophy of religion. Prerequisite: any previous philosophy course or permission of instructor.

PHL-407  The Philosophy of Hannah Arendt  3 credits
Seminar involving a concentrated study of the philosophy of Hannah Arendt with special attention to her analysis of action, thought, and freedom. Prerequisite: any previous philosophy course or permission of instructor.

PHL-490  Independent Research and Study  1–4 credits

PHL-491  Internship in Philosophy  1–4 credits
Students will work under supervision within an area hospital, corporation, or legal agency. Specific duties and tasks will be developed jointly by the intern, faculty supervisor, and internship supervisor. Within the hospital setting, students will work with the Hospital Medical Ethics Committee. Within the corporate setting, there will be two types of internships: students will work in the corporate office responsible for addressing the ethical issues that arise in the business environment; or students will work in a department that allows them to explore the potential business applications of their philosophic intellectual training. Within the legal setting, students will work with the federal magistrate, prosecutor, or public defender, exploring issues in the philosophy of law that arise in the practice of law. The internship will be restricted to juniors and seniors with a minimum of 2.7 cumulative GPA and 3.0 GPA in philosophy, or permission of the department of philosophy. Students must have completed four philosophy courses, one at the 300 level, before applying for the internship. No more than six credits will be allowed toward graduation. A member of the department of philosophy will supervise the internship.

PHL-494  Preparation and Research for Senior Philosophy Thesis  1 credit

PHL-495  Senior Philosophy Thesis  3 credits
possible future sources. A high school course in physics or chemistry is desirable but not necessary.

**PHY-105**  
Matter, Forces and Energy: An Exploration of Physics Concepts  
4 credits  
An introduction to the basic principles of physics focusing on the concepts of matter, force, and energy. The course will study, in depth, simple physical systems chosen to emphasize the interconnection of these three basic concepts. It will explore the behavior of these simple physical systems using directed group exercises coordinated with hands-on laboratory activities. One three-hour lecture and one three-hour lab per week.

**PHY-180**  
Astronomy  
3 credits  
Examines mankind’s quest to understand the origin and form of the universe. Emphasis on the ideas of modern cosmology and their impact on our changing perception of our place in the universe, making use of information gleaned by simply looking at the night sky as well as post Apollo-era views of the solar system and the evolving universe as a whole.

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

**PHY-201**  
General Physics II  
4 credits  
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell’s equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisites: PHY-200, MTH-211 or concurrent enrollment. Spring.

**PHY-203**  
Introduction to Modern Physics  
3 credits  
Covers space-time relativity, elementary particles, and basic quantum mechanics, including solutions of the Schrodinger wave equation. Applications of quantum theory in atomic, nuclear, and solid-state physics. Prerequisite: PHY-201 or permission of instructor.

**PHY-300**  
Mechanics  
3 credits  
Kinematics and dynamics of particles and systems, analysis of harmonic oscillator systems, normal modes, Lagrangian and Hamiltonian dynamics and classical waves are studied. Prerequisites: PHY-201, MTH-250.

**PHY-305**  
Electricity and Magnetism  
3 credits  
Electro- and magnetostatics, fields and potentials, and boundary value problems are covered. Prerequisites: PHY-201, MTH-250.

**PHY-310**  
Advanced Electricity and Magnetism  
3 credits  
Maxwell’s equations; electromagnetic waves in vacuum and in material media; radiation, propagation, reflection, and refraction. Prerequisites: PHY-305, MTH-308.

**PHY-315**  
Thermodynamics and Statistical Mechanics  
3 credits  
Thermodynamic systems; the first and second laws of thermodynamics; entropy and thermodynamic potentials; distribution of molecular speeds; Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac distributions. Prerequisite: PHY-201.

**PHY-320**  
Quantum Mechanics  
3 credits  
Historical background; the Bohr Theory; the Schrodinger equation, its interpretation and applications; the uncertainty and exclusion principles; development of the formalism. Prerequisite: PHY-300. Spring.

**PHY-330**  
Basic Electronics  
3 credits  
An experimental study of devices and circuits in analog and digital electronics. No previous experience with electronic circuits is assumed, although introductory topics such as DC and AC circuits are covered rather quickly. Emphasizes applications in laboratory research, including signal acquisition, computer interfaces, and analog/digital signal processing. One hour of lecture plus two three-hour labs per week. Prerequisite: PHY-201 or permission of instructor.

**PHY-350**  
Advanced Laboratory  
2 credits  
Experiments in atomic and nuclear physics, electricity and magnetism, and physical optics. Students have the opportunity to work intensively on a particular experiment. Minimum of five to six hours per week.

**PHY-400**  
Atomic Physics  
3 credits  
Quantum mechanics and the one-electron atom; atomic structure and optical spectra of multi-electron atoms. Quantum statistics, band theory of solids. Prerequisite: PHY-320. Spring.

**PHY-405**  
Fundamentals of Nuclear Physics  
3 credits  
Nuclear mass and size; nuclear forces and some models of the nucleus; radioactive and detection; subnuclear particles and resonances. Prerequisite: PHY-320.

**PHY-415**  
Physical Optics  
3 credits  
Waves and the superposition principle; interference, Fraunhofer and Fresnel diffraction; electromagnetic nature of light; absorption and scattering; dispersion; polarization. Prerequisites: PHY-201, MTH-250.

**PHY-416**  
Modern Experimental Optics Laboratory  
1 credit  
A laboratory course in geometrical and physical (wave) optics, designed to supplement the material presented in PHY-415. Serves as an introduction to the optical equipment and techniques that are employed in laboratory research. A series of experiments cover the topics of polarization, interference, image formation, Fourier optics and lasers, and optical spectroscopy. Prerequisite: PHY-201.

**PHY-450**  
Topics in Modern Physics  
3 credits  
A selected topic of contemporary interest in physics, e.g., general relativity and gravity waves, is studied. Emphasis on current journal literature and research. May be taken more than once with departmental approval. An excellent introduction to independent research in one area of physics. Prerequisite: PHY-201.

**PHY-490**  
Independent Research and Study  
1-4 credits
Political Science (POL)

Political science courses at the 100 level are designed for freshmen and those at the 200 level for students at any level. Courses at the 300 and 400 levels cover advanced subject matter. Students considering electing advanced political science courses should be certain to have sufficient preparatory work. If this is lacking, the appropriate courses at the 100 and 200 levels are strongly recommended for the 300 and 400 levels. When in doubt, the student should consult the instructor of the advanced course or the department chairperson.

POL-100 Introduction to American Politics
3 credits
An examination of basic principles of the U.S. constitutional system; the operation of the democratic process; the organization, powers and procedures of Congress, the presidency and the federal judiciary; and the functions, services, and financing of the national government. Emphasis is on public issues, national priorities, and civil liberties.

POL-102 Understanding Politics
3 credits
Introduction to the study of politics and government, including major political theories and ideologies, systems of government (i.e., presidential, parliamentary, authoritarian, totalitarian), public opinion and behavior, international relations and war, and contemporary policy issues.

POL-102 Freshman Seminar in Understanding Politics
3 credits
Limited to entering freshmen majoring in political science. Fall.

POL-200 New Jersey Government and Politics
3 credits
Political institutions, processes, and problems of state and local governments of New Jersey. Analysis of legislative, executive, judicial, regulatory bodies, special districts, and autonomous agencies. Aspects of personnel, finance, and services.

POL-201 Policy Issues, Advocacy and Budgeting
3 credits
Surveys various domestic economic and social policy issues, the government budgeting process, and how citizens and groups advocate their interest through organizing, coalition-building and lobbying. Emphasis on developing practical skills in issue analysis, lobbying, legislative tracking, and public budgeting.

POL-210 Public Opinion
3 credits
Public opinion as a social force and as expression of public sentiment on political and social issues. Topics include: development and dissemination of opinions, the measurement of public opinion, public opinion and governmental processes, and the reciprocal relationship between mass media and public opinion.

POL-215 Global Politics
3 credits
The struggle for power, wealth, and order at the global level involving nation-states, intergovernmental organizations (such as the United Nations, the European Union, etc.), non-governmental organizations, transnational enterprises and other non-state entities, using military, economic, diplomatic, legal, and communication instruments. Overview of global problems such as the proliferation of weapons of destruction, ethnic and religious conflicts, human rights, and the global environment at the threshold of the 21st century. Real-time use of the Internet is an integral aspect of this course in terms of readings and assignments. (This course is a prerequisite for POL-295 Special Projects in Political Science: Model United Nations.)

POL-216 Comparative Political Systems
3 credits
A general introduction to types of government and political regimes of the world as they try to cope with the dual challenge of ethnic micropolitics and transnational globalization. Major prototypes of democracy: the British parliamentary system, the American separation of powers system, and various combinations of these two. Traditional autocracy, totalitarian dictatorships, and late 20th-century authoritarian regimes.

POL-218 The Pacific Rim in the 21st Century
3 credits
The international politics and the external policies of an area where the interests of four of the world’s major powers (the United States, China, Japan, and Russia) intersect. The emphasis is on the dynamics of change in China (and Taiwan), Japan, the Koreas, and the countries of Southeast Asia, and their political, military, and economic interactions within the global context.

POL-219 Terrorism, Revolution and Political Violence
3 credits
“Revolutions are the mad inspiration of history,” Trotsky’s characterization calls attention to three important dimensions of violent political participation: the historical setting, ideology, and emotional fervor of the practitioners. The course focuses on these dimensions by analyzing revolutionary and terrorist movements in the 20th century. Special attention is given to the use of violence in the post-Cold War new world disorder.

POL-225 Nationalism in World Politics
3 credits

POL-230 Methods of Political Analysis
3 credits
An overview of the various qualitative and quantitative methods that political scientists use to study their discipline. Themes include analyses of political participation and support, methods of studying elections, measures of political tolerance and liberalism.
POL-235  
Race and Ethnicity in American Politics  
3 credits  
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL-239  
Political Thinkers and Political Thought  
3 credits  
A survey of the most significant political thought from ancient times into the modern era. Subject matter includes discussion of such questions as the nature of freedom, natural law and right, constitutionalism, political obligation, justice, form of regime.

POL-247  
Political Campaigning  
3 credits  
This course entails the study of campaigning for political office at the federal, state and local levels in the United States. While attention will be given to how the broader political environment and specific factors, e.g., the decline in partisanship, hot button issues, local interests, and money, affect the nature of campaigns, the course’s primary focus will be on how to organize and conduct a successful and ethical campaign, including how to collect and analyze pertinent data, manage a staff, develop a communications plan, and get out the vote.

POL-255  
European Politics  
3 credits  
A comparative analysis of the social and political systems of Britain, France, Germany and other Western countries within the European framework. Emphasis will be on the identification of ways in which countries similar in social characteristics are also similar in their political systems and on the extent and circumstances under which they differ. Similarities and contrasts will also be drawn with political structures and processes in the United States. This course, on occasion, may contain an optional travel component during January.

POL-260  
Politics of Law and Order  
3 credits  
The constitutional, legal, political, and administrative aspects of the criminal justice system in the United States are studied, including the court system at all levels of government, law enforcement agencies, correctional programs and institutions, probation, parole, and the relationship of our legal institutions to the broader political system.

POL-270  
Interest Groups and Lobbying  
3 credits  
The course will introduce students to the area of interest groups and lobbying. Topics to be covered include theoretical developments, methodological approaches of group formation, organizational maintenance, and strategies used to influence public policy in the executive, legislative, and judicial branches of government.

POL-272  
Politics of Latin America  
3 credits  
The course will begin by discussing Latin American nations from the point of view of their common ancestry in European colonization, including the ways in which European cultural and economic patterns were introduced into independently populated areas, how these persisted after independence from European imperialist regimes and the U.S., and how these legacies have their continued effects into the present. The course continues with inquiry into the domestic politics and governmental systems of a number of Latin American nations. The course also takes up present day relations between Latin American political systems, the United States, and various organizations of the global economy such as International Monetary Fund, the World Bank, and the World Trade Organization.

POL-280  
Sex and Politics  
3 credits  
The bearing of gender upon politics: whether political activity is more characteristic of one or the other sex; the comparative fates of male and female in political society; the political implications of change in the content and mutual status of masculinity and femininity. Inquiry into classical, traditional, and contemporary views.

POL-295  
Special Projects in Political Science  
3 credits  
For non-seniors who engage in serious research in political science. Topic to be approved by instructor and department chairperson.

POL-300  
U.S. Constitutional Law  
3 credits  
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making.

POL-301  
Civil Liberties in the United States  
3 credits  
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area.

POL-305  
Political Parties and Electoral Behavior  
3 credits  
The structure, character, and functions of U.S. political parties and pressure groups, and their impact on public policy. Parties are analyzed within the broader scope of organizational theory and comparative party systems. Major emphases on their historical origins, their role in contemporary political life, and particular aspects of party politics—local organization, membership, campaigning and elections, policy-making roles, and leadership.

POL-306  
Political Film  
3 credits  
This course analyzes the structure, history, and impact of the genre of political film. It begins with a discussion of how one distinguishes a political film from other forms of cinema. It then proposes insights into the manner in which these films evoke a particular time and place in politics, affect the viewer’s interpretation of a political event or figure, and have an effect upon a viewer’s political perceptions or behavior. The student will also learn to review films critically, both as political statements and as effective (or ineffective) conveyors of political messages.

POL-307  
Political Communication  
3 credits  
The meaning and uses of political communication are examined; the manner and forms such communication takes, and the history of political discourse. Major topics include the role of communication in elections and the development of public policy, how political communication strategies have changed with the rise of mass media, and the development of national and international publics for discourse.
and the main theoretical attacks launched on anarchism, the old and the new left, fascism, property, equality, natural law and natural right; the development of the ideologies of liberalism, constitutionalism and nation-building. The course examines the fundamental assumptions underlying modern democratic theories and the main theoretical attacks launched against them. Among the contending theories to be discussed are right and left-wing anarchism, the old and the new left, fascism, intellectual elitism, and techno-conservatism.

POL-313 The American Presidency 3 credits
A description and analysis of the American presidency: its historical development, the internal organization, and ecological context. Basic issues include the intent of the framers of the Constitution, the historical accumulation of presidential powers, and institutional limits on presidential power (e.g., Congress and the bureaucracy).

POL-315 Global Issues 3 credits
Military, economic, demographic, and environmental threats to global security in the post-Cold War era. Forces of transnational integration vs. forces of intrastate fragmentation. Inadequacy of international law and organization to deal with these problems within the confines of the sovereign nation-state system.

POL-320 Politics of the Middle East 3 credits
The course emphasizes the relationships between social and political structures, the role of religion, and the problems of modernization in the Middle East. Similarities and contrasts will be drawn between the Arab and non-Arab countries of the Middle East. The political systems of Egypt, Syria, Israel and Saudi Arabia are examined in terms of political culture, structure, and political processes.

POL-321 International Law 3 credits
This course covers the basic doctrines of international law and their relationship to the contemporary international community. These include the jurisprudence of international law; the history of the international legal system; customary international law; Treaty law; sovereignty, statehood and recognition; jurisdiction and immunities; the role of international organizations; international criminal responsibility; and the relationship of the international legal system to the U.S. domestic legal system. The objectives of international law are to foster the peaceful settlement of disputes; facilitate transnational communication and commerce; encourage respect for human rights; as well as to preserve the environment.

POL-325 Public Administration 3 credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens’ behavior.

POL-326 Power in American Politics 3 credits
Examines various explanations of who has power in American politics. Explores the roles of appointed and elected officials, business and interest groups, the media, and the general public in shaping public policy. Special attention to political change, including the impact of broad social movements on the responsiveness of the political system.

POL-327 Contemporary Issues in American Public Policy 3 credits
In-depth examination of current issues in American politics. Drunk driving, political corruption, drug policy, education, and poverty are among the issues to be considered. Emphasis on analyzing policy problems and on developing and evaluating proposed solutions.

POL-335 Urban Politics 3 credits
Political structure and administration of municipalities in the United States. Emphasis on problems posed by suburbanization, global and regional shifts in business, economic dislocation, housing, race relations, and policing.

POL-340 Modern Democracy and its Critics 3 credits
The course examines the fundamental assumptions underlying modern democratic theories and the main theoretical attacks launched against them. Among the contending theories to be discussed are right and left-wing anarchism, the old and the new left, fascism, intellectual elitism, and techno-conservatism.

POL-342 Freedom and Authority 3 credits
Concepts of freedom and authority in 19th and 20th-century political theory. Emphasis on such important thinkers as Nietzsche, Freud, Sartre, Camus, and Marcuse.

POL-343 American Political Thought 3 credits
The philosophical background and moral principles of American political society: liberty, equality, natural law and natural right; constitutionalism and nation-building. The development of the ideologies of liberalism, conservatism, and libertinism are also covered.

POL-350 U.S. Foreign and Security Policy 3 credits
Principles, institutions, and processes involved in the formulation and implementation of policies regarding the nation’s military, economic, and environmental security within the global framework. Strands, trends, and problem areas in U.S. foreign policy, with focus on the changing global environment of the post-Cold War world.

POL-361 The Judicial Process 3 credits
In-depth examination of the nature of judicial decision-making and the impact that judicial decisions have on society. Considers the sources of judicial authority, judicial fact-finding, statutory and constitutional interpretation, individual and collective processes of judicial decision-making, relations between judges and other government officials, and the political consequences of judicial decisions with particular emphasis on federal courts and judges.
POL-365  
Third World Politics  
3 credits  
Studies the major political issues of the Third World. Particular reference to political systems of Africa, Asia, Latin America, and the Middle East according to the relevance of the examples to large conceptual issues, and according to the major interests of the instructor. Typical issues include neocolonial dependency, the role of the state in newly developed countries, military rule and democratization.

POL-366  
Communist Systems: Politics and Policies  
3 credits  
Soviet, Chinese and other communist systems are examined in terms of political culture, structure, dynamics, internal and foreign policies, including inter-party relations. Topics of emphasis include the Soviet-Chinese conflict, political succession, dissent, and Euro communism among non-ruling and ruling parties.

POL-367  
Politics of Exile, Asylum and Diaspora  
3 credits  
This course analyzes mass migrations and refugee movements and what they mean for the stability of nations, the increasing potential of severe culture clashes within societies, and the root causes of (forced) migration movements, such as problems of violence, terror and genocide, as recently seen in Darfur, Rwanda and Bosnia. In certain European countries the frequently failed integration and assimilation policies resulted in an Islamic alienation; terrorist attacks and race riots are some of the consequences. Particular attention will be given to the conflict between the refugees’ and migrants’ needs that result from violent, socio-economic or ecological catastrophes in the countries of origin and the various forms of reception within the host countries. Students will explore theoretical, political, legal, and socio-economic dimensions of the refugee and immigration phenomena in a global world. Other themes will include international human rights and refugee laws, theories of immigration, for example, the feminization of migration, as well as problems of acculturation, assimilation and integration in different host societies.

POL-371  
The Arab-Israeli Conflict  
3 credits  
The course will begin by introducing the main players: the deeply religious patrimonial Arab regimes on the one hand, and the democratic, deeply secular and economically modern Jewish sector in Palestine on the other. The analysis will focus on the impact of the social, economic, political and religious differences between the sides on their conception of the conflict among the participants and powers outside the region. It will concurrently examine the impacts on the dynamics of the conflict itself, extension to include the entire Arab world, and the war between it and relations within Islam on the one hand and between Islam and the West on the other. The latter part of the course will consider the sources of perceptual shift that led simultaneously to the narrowing of the conflict with the withdrawal of some of its participants (most Arab states) and its widening with the addition of Al Qaeda and Iran (via Hezbullah) and the events in Iraq.

POL-450  
Seminar in Political Science  
3 credits  
A multidimensional framework within which to integrate the variety of perspectives and methodologies extant in the field of political science. Topics for discussion and analysis may range from broad concepts of political discourse such as power and interdependence to specific political issues such as executive-legislative relations and judicial policymaking.

POL-490  
Independent Research and Study  
1–4 credits  
Individual program of study under close supervision by the instructor, with weekly meetings and reports. Topics to be approved by the department. Available to seniors who have a minimum of a 3.0 GPA in political science courses. No more than six credits allowed toward graduation.

POL-491  
Internship in Political Science  
1–4 credits  
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of field work per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation. Prerequisite: permission of instructor.

POL-499  
Senior Honors Thesis  
3-6 credits  
Majors having completed the department’s core requirements and having a minimum GPA of 3.5 in political science courses may apply for honors in their sixth semester. Applicants enroll in POL-490 Independent Research and Study in their seventh semester to develop and submit a thesis proposal to the department. With departmental approval, applicants prepare an honors thesis in their last semester. Upon acceptance of the thesis by the department, the student will be graduated with honors in political science.

Psychology (PSY)  

Psychology 100 is a prerequisite for all psychology courses. Prerequisites other than 100 may be waived by the instructor.

PSY-100  
Introduction to Psychology  
3 credits  
An orientation to psychology, covering major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY-201  
Statistics and Research Design  
3 credits  
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.

PSY-215  
Personality  
3 credits  
A synthesis of the most recent research in the field of personality development. Topics include interplay of biological, cultural, and subjective personal processes; analysis of the broad trends in personality theories; and introduction to personality measurement.
PSY-218
Psychology of Women
3 credits
Examines the psychological development of women in our culture from birth to maturity, with an emphasis on the interaction of biological and social influences on personality, social behavior, and achievement of women. Investigates psychological sex differences in terms of current measurement approaches. Readings and text are drawn from psychological theory and research.

PSY-220
Abnormal Psychology
3 credits
The development of abnormal personalities are discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.

PSY-225
Learning and Memory
3 credits
A broad coverage of the expanding fields of learning, memory, and cognition is provided, while addressing their relevance and impact on human behavior. Continuity between early associationistic and contemporary cognitive theories is established. Topics range from basic conditioning to the more complex processes of memory, concept learning, thinking, and problem solving.

PSY-230
Child Development
3 credits
(Formerly Developmental Psychology I: Child) Presents theory and research on the social, emotional and cognitive development of children birth to age 12.

PSY-231
Youth and Adolescent Development
3 credits
(Formerly Developmental Psychology II: Youth-Adolescent) Presents theories, research and problems concerning development in youth and adolescence.

PSY-235
Cognitive Development
3 credits
Compares and analyzes the major theories of cognitive development: Piaget, Information Processing, Vygotsky, Gardner, and Sternberg. The course describes cognitive growth from infancy to adulthood. Particular topics will include: concept formation, language acquisition, memory reading and writing, mathematical skills and sociocultural skills. Also of interest will be the use of cognitive theory in education, and understanding variations from the typical pattern of cognitive development as in mental retardation and prodigies.

PSY-237
Cognitive Disabilities
3 credits
Investigates various types of retardation, focusing on etiology, methods of diagnosis, programs and services available to individuals and families. Considers problems relating to adjustment in academic, social, and vocational areas.

PSY-238
Sensation and Perception
3 credits
The facts and theories of sensation and perception, their role in the total psychology of the individual, and current application are examined.

PSY-240
Social Psychology
3 credits
Deals with the scientific study of human beings in social situations, focusing on reciprocal influence of the individual and the group, especially aspects of behavior that are socially determined. The nature of attitudes: their development and change; the nature of social influence; interpersonal perception and attraction; dynamics of social behavior; and social phenomena, such as prejudice and social movements, are covered.

PSY-255
Biopsychology
3 credits
Basic biological structures and processes underlying behavior, including general neuroanatomy and neurophysiology; sensory physiology; structure and function of the motor systems; physiology of emotions, motivation, learning, memory; brain dysfunction; psychoactive drugs.
Where Learning Meets Your Life

PSY-303
Research Methods: Social Psychology with Lab
4 credits
(Formerly Research in Social Psychology)
Covers research methodology within the context of social psychology (i.e., topics include altruism, aggression, attraction and social perception). Both experimental and descriptive methodologies will be covered. Students learn about various aspects of the research process (e.g., design and execution of a social psychological study, analyzing and interpreting the results). Students also learn to integrate their research findings to produce an APA-style paper. Students use computer-based word processing and statistical analysis packages to achieve these goals. Prerequisites: a grade of "C" in PSY-201; PSY-240 or PSY-279 or permission of instructor.

PSY-305
Theories of Psychotherapy
3 credits
An exploration of the history and theory of the psychoanalytic, behavioral, and humanistic approaches to psychotherapy. Comparisons and contrasts between these therapeutic modalities are discussed, as well as the theory underlying specific therapeutic techniques such as dynamic interpretations, dream analysis, the analysis of resistance and transference, counter-conditioning, modeling, and cognitive restructuring. Class exercises in addition to transcripts and tape-recordings from therapy sessions are used to illustrate the various therapeutic approaches. Prerequisite: PSY-215 or PSY-220 or permission of instructor.

PSY-306
Research Methods: Sensation and Perception with Lab
4 credits
(Formerly Research in Sensation and Perception) Provides instruction in research design, research methods, and integration of data analysis and methodology within the content framework of sensation and perception. All the general psychology research methods are taught. Special emphasis is given to the study of human vision and audition. Students design, conduct, and report laboratory research in the areas of sensation and perception. The computer-based components of the laboratory include lessons on interactive software instrumentation for research, and network-based technical writing using APA format. Projects are conducted during the term. Each student uses a dedicated networked Macintosh computer to: a) develop and generate research stimuli and procedures, b) analyze and report research data, and c) write formal research reports. Prerequisite: a grade of "C" in PSY-201 or permission of instructor.

PSY-312
Behavior Modification
3 credits
Presents a review of classical and operant conditioning, data collection and research design, data analysis and interpretation. In addition, assessment and treatment strategies in a variety of settings, contingency management in institution, classroom and home, systematic self-desensitization, and ethical consideration are discussed.

PSY-315
Psychological Tests
3 credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery. Prerequisite: any statistics course.

PSY-330
Developmental Disabilities
3 credits
Introduces students to the generic, biological, sensory-motor, cognitive, and social-emotional foundations of developmental disabilities. Selected syndromes will be reviewed in depth, as well as treatments and intervention at the individual and family levels. Prerequisite: PSY-230, PSY-231 or PSY-237.

PSY-333
Autism Spectrum Disorders
3 credits
Provides students with a general understanding of the etiology, neurocognitive underpinnings, and general characteristics of the autism spectrum disorders. The course will examine the history of the study of these disorders, the main problems associated with these conditions, and will explore psycho-educational treatment alternatives. Prerequisites: PSY-230, PSY-231, PSY-237, or PSY-330.

PSY-335
Research Methods: Human Cognitive Neuroscience with Lab
4 credits
(Formerly Research in Human Cognitive Neuroscience) Covers the interdisciplinary study of the nervous system integrating neurobiology, physiology, pharmacology, and psychology as explanations for both normal and pathological human behavior. Topics integrate molecular levels of analysis, such as neuron structure and function, neurotransmitters, action potentials, and receptors, with molecular levels, such as sensory and hormonal processes, learning and memory, emotions, drug use, and biological rhythms. Introduces research techniques used to study the function of the nervous system and the neural bases of behavior in humans. Neuroanatomical, electrophysiological, pharmacological, and neuropsychological assessment techniques may be explored as part of laboratory or field research projects designed in collaboration with the instructor. Prerequisites: grade of "C" or better in PSY-201 and PSY-255 or permission of instructor.
PSY-340
Research Methods: Group Dynamics with Lab
4 credits
(Formerly Group Dynamics) Focuses on selected issues pertaining to group dynamics. Emphasizes an understanding of the personality and social factors that influence the functioning of unstructured and task-oriented groups. Students participate in a task group for the purpose of conducting a comprehensive research project on selected issues in group dynamics and the psychology of groups. The task group prepares an APA-style paper describing their research as well as an in-class presentation. Each student also submits a midterm and final written analysis of the interactional processes and development of the task group. Prerequisite: a grade of “C” in PSY-201 or permission of instructor.

PSY-350
Research Methods: Developmental Psychology with Lab
4 credits
(Formerly Research in Developmental Psychology) Focuses on one or more research areas in cognitive, personality, or social development. Includes an overview of major theoretical approaches to age-related change. Students review original research on selected aspects of behavioral change. The laboratory component of the course presents an overview of developmental research designs and methods focusing on the measurement of age-related change in psychological functioning. Students conduct field research projects designed in collaboration with the instructor and prepare an APA-style research report. Prerequisite: a grade of “C” in PSY-201 and PSY-230 or permission of instructor.

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

PSY-372
States of Consciousness
3 credits
This course explores the variety of states that comprise normal and altered consciousness. It highlights how these states are determined by complex interactions between conscious and unconscious mental functions. Key psychological concepts are applied in an investigation of various states of consciousness, especially meditative states and dreams. The course examines both the psychopathological aspects of altered states, as well as their potential beneficial effects on creativity and the development of the self.

PSY-374
Psychology of the Family
3 credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the varieties of ways family impacts development across the lifespan. Prerequisites: PSY-100, PSY-230 or permission of instructor.

PSY-375
Psychology and Film
3 credits
Attitudes, perceptions and memories are shaped by motion pictures. Filmmakers create enduring images by using cinematic techniques to portray social and interpersonal themes. This course will examine various cinematic techniques as well as how film portrays interpersonal relations, gender roles, race relations, mental illness, The Holocaust, and other genocides.

PSY-377
Developmental Psychopathology
3 credits
This course provides an in-depth view of developmental psychopathology as an applied and prevention science. Developmental psychopathology is concerned with the emergence and continuity or discontinuity of psychopathology, or maladaptive behaviors, across the lifespan. An emphasis is placed on exploring individual, environmental, social, and especially cultural influences in explaining normal and abnormal behavior. Prerequisite: PSY-230 or PSY-231.

PSY-381
The Psychology of Gender
3 credits
This course examines the meaning of sex and gender in modern society. The course readings and discussion will review and analyze the influence of gender on human behavior and emotions. The course will examine the significance of gender in shaping experience. Topics will include: gender differences in behavior, gender role development, gender and sexual identity, gender and social roles, cross-cultural perspectives on gender and transcending gender. Prerequisites: PSY-100, PSY-218 or permission of instructor.

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

PSY-400
Senior Seminar in Psychology
3 credits
This capstone course will provide a synthesis and evaluation of important critical issues in psychology, such as the role of modern psychology in solving social problems, the scientific vs. human services perspectives on behavior, emotion and cognition; and the nature of mental illness and well-being. Students will be expected to draw broadly from their education in psychology: to grapple with conflicting points of view; and produce professional quality writing, oral or multimedia presentations.

PSY-420
History of Psychology
3 credits
Provides a coverage of systems and schools of psychology; great psychologists, their contributions, and later influence in psychology. Current psychological problems are also discussed.
**Social Work (SOW)**

**SOW-200**
**Social Services and Social Work: An Introduction**
3 credits
An overview of the historical development of social work. Emphasis on current issues in social welfare and social service programs in the United States. Among the programs explored are those in public welfare, mental health, medical services, child abuse/neglect, school social work, and care for the elderly.

**SOW-300**
**Methods of Social Work Practice**
3 credits
Interviewing techniques are taught and practiced. Skills in forming and running small groups, working with community organizations, and administering social programs are emphasized. Students study how to gather pertinent psycho-social facts about clients, make an assessment, plan an intervention, and successfully complete service to the client. Students who next will take SOW-301 Field Work Experience will be placed in a social service agency by the end of the semester. Prerequisite: SOW-200.

**SOC-110**
**Cultural Anthropology**
3 credits
The anthropological perspective is introduced, placing human behavior and institutions within their evolutionary, ecological, structural, and ideological contexts. Examples are drawn from the full range of human societies, with an emphasis on nonindustrial forms.

**SOC-201**
**Introductory Seminar in Sociology**
3 credits
Designed for students considering a major or minor in sociology. The seminar locates sociology in relation to other disciplines; reviews the basic perspectives used by sociologists to study human behavior; and considers the methods and applications of sociological inquiry.

**SOC-205**
**Families**
3 credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

**SOC-206**
**Deviance and Crime**
3 credits
Considers deviant behavior as violation of social norms. Examines the concepts of deviance and crime in socio-historical context. Evaluates major theories advanced to explain deviance. Surveys different types of deviance, including conventional crime, non-criminal deviant behavior, and white-collar corporate, and government crime.

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

**SOC-216**
**Youth and Crime**
3 credits
In-depth examination of the nature and extent of youth criminality in the U.S. Explores changes in youth culture and theories of delinquency. Social policies are related to youth criminality and the youth justice system is considered.

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**College Reading Course (CRC)**

**CRC-101S**
**Introduction to Academic Reading**
2 supplemental education units
A required CORE course for first year students who do not meet the placement criteria for college-level reading. This introductory reading course focuses on improving comprehension of college level materials used in first year courses at Rider University. Students are introduced to reading techniques such as text previewing, text marking, and annotating. In addition, a variety of informal writing activities will help students identify and communicate important information from these texts. Efficient learning and test-taking strategies will also be emphasized.

**CRC-100**
**College Reading**
3 credits
This elective course helps students develop greater skill and efficiency in meeting the demands of college reading. Primary emphasis is placed upon introducing, demonstrating, and practicing appropriate study strategies that will enhance overall academic performance. Instruction focuses on reading college textbooks more efficiently and effectively, improving comprehension and retention, and reading critically. Time management, note-taking skills, and other study strategies are introduced, demonstrated, and practiced. Reading and writing assignments complement and reinforce class instruction.
Societies. Peasant economic, political, and social institutions are analyzed with an eye to sequence and a cause of wide-reaching political shaping women's positions as wives and as related to the social, ideological, and ecological production, and exchange in nonmarket cultures, economic systems is considered in detail.

Cities and Suburbs

3 credits
Examines the growth of an urban way of life under the influence of industrialism. Study of community, political, and economic institutions in cities. Comparisons between urban and suburban areas.

Peasant Society

3 credits
A comparative view of peasants and their significance in agrarian, colonial, and industrial societies. Peasant economic, political, and social institutions are analyzed with an eye to both their internal operation and the way they relate to nonpeasant groups who hold power in these societies. The changes that have occurred in the peasant world are viewed both as a consequence and a cause of wide-reaching political and economic upheaval.

Pre-Industrial Economies

3 credits
The anthropological study of technology, production, and exchange in nonmarket cultures, as related to the social, ideological, and ecological systems in which they are embedded. The question of whether the concepts that derive from market economies can be applied to all economic systems is considered in detail.

SOC-311
Social and Cultural Change

3 credits
Investigates the process of change in both industrial and nonindustrial settings. Particular attention paid to the role of the individual in change as well as the roles played by the mode of production, social organization, and ideological constructs. Case studies are drawn from non-Western as well as Western sources.

SOC-312
Women in Society

3 credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
SOC-314 Social Theory
3 credits
Introduces the major thinkers and conceptual problems characterizing the development of sociological thought. Required of sociology majors. Prerequisite: SOC-201.

SOC-315 Issues in Modern Social Theory
3 credits
Examines current trends and issues in sociological thought. Prerequisite: SOC-314 or permission of instructor.

SOC-316 Feminist Social Thought
3 credits
An introduction to feminist social theory, with emphasis on its breadth and variety. Special attention paid to the ways feminist theorists have analyzed the relationship of gender to other kinds of group differences.

SOC-317 Law and the Legal Profession
3 credits
Relationships between law, the economy, and the state are explored. Discussion of laws, legal systems and legal reasoning using cross-cultural comparisons and historical analysis of these in the United States. Particular attention given to impact of law on corporations, workers, women, and minorities. Changes in legal profession and legal education are examined.

SOC-319 Criminal Justice and Corrections
3 credits
An examination of criminal law and the problematic justice or injustice which stems from the administration of such laws. Studies the cultural and social foundations of U.S. criminal justice system and how these develop and change. Examines role of police and legal professionals.

SOC-320 Religion and Belief Systems
3 credits
The relation of religious phenomena to social structures and processes; religion in cross-cultural perspective.

SOC-330 Social Inequality
3 credits
Social, economic, and political aspects of the division of society into classes are considered. Theories of stratification and the distribution of wealth, power, and prestige in societies past and present are examined.

SOC-340 Power and Politics
3 credits
Examines the nature and distribution of power in contemporary societies; analyzes the relationships between political processes and economic and social issues.

SOC-341 Developing Societies
3 credits
Investigates division of world into developed, developing and underdeveloped countries. Examines theories explaining patterns of development; indicators and measures of societal well-being; and problems such as population, hunger and environmental crises in Third World. Responses to underdevelopment and consequences for inter-societal relations are also explored.

SOC-346 Health Care and Society
3 credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.

SOC-349 Retirement and Leisure
3 credits
Examines the social phenomena of retirement as an event, process, social role, and life stage. Explores the meaning of leisure, time utilization, and creativity among the elderly. Defines related problems and issues, i.e., financial, physical, psychosocial, and environmental. Positive as well as negative implications are presented and evaluated. Prerequisite: SOC-247 recommended.

SOC-350 Social Policy
3 credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.

SOC-355 Interpersonal Relations
3 credits
Examines the interpersonal relation between and among people in private life, public places, and at work. Explains how such relations affect and are affected by changes in the larger social structure.

SOC-360–369 Selected Topics in Sociology
3 credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.

SOC-396 Applied Sociology
3 credits
Shows how sociology can be applied in work settings. As participant observers in organizations related to their career objectives, students learn to apply sociological knowledge, perspectives, and skills. In class meetings and individual consultations with the instructor, students examine the applied dimensions of sociology, the uses of sociology in various occupations, the ethical issues involved in applied sociology, and the culture and structure of their work organization.

SOC-400 Senior Seminar in Sociology
3 credits
For sociology majors only. This seminar involves in-depth examination and research of a specific issue of current importance in the discipline. Learning to do sociology is emphasized. Prerequisites: SOC-201, SOC-301, SOC-314, MTH-120 or POL-230.

SOC-401 Sex and the Body in Society
3 credits
Examines cultural meanings and social practices associated with sex and the body. Contemporary cultural norms and practices in the U.S. will be compared to other societies, historically and cross-culturally. Variations in sexual practices, ideals of sexual attractiveness according to age, gender, race, ethnicity, class and sexual orientation also will be discussed. Topics may include beauty industries (e.g. cosmetics, diet, fashion, surgery, drugs), sex and the workplace, the impact of media, social policy, and technology on ideals of sexual attractiveness, birth control, and sexual violence.
SOC-490
Independent Research and Study
1–4 credits
Juniors or seniors who have completed at least 12 credit hours in sociology may propose an independent research project with the aid and advice of any full-time faculty member of the department. Proposals must be reviewed and approved by the sponsoring faculty member and submitted to the department’s Independent Study Committee at least four weeks prior to the last day of classes for the semester preceding Independent Study.

SOC-491
Internship in Sociology
1–4 credits
A supervised work experience in an approved organization to gain knowledge of applications of sociology in work settings and to analyze work settings using sociological knowledge and research methods. Placements are made in business, government, and community offices that utilize sociological knowledge or research skills.

SOC-496, SOC-497
Honors in Sociology
3–6 credits
Training in the efficient collection of data that has a bearing on the problem being investigated. Stresses the technique of proper summarization of the collected material as well as the integration of that material into a comprehensive report. A research design is prepared and hypotheses tested in the field. The original library research is then combined with the findings to produce a mini-thesis. Approval of student’s program by a sponsoring faculty member and the department Independent Study Committee is required. Prerequisites: SOC-201, SOC-301.
Procedures and Policies

Admission Procedures

Rider University seeks to enroll students who will benefit from the University’s academic resources while bringing diversity, talents, and energy to the campus environment. Rider offers three options for admission notification: (1) early decision, (2) early action and (3) rolling admission. Candidates applying through the early decision option must submit all required documents by November 15 and will be notified of the admission decision by December 15. Early decision is binding and a deposit is required by February 15. Candidates applying through early action are required to submit all documents by December 1 and will be notified of an admission decision by January 15. Applications received under rolling admission will be reviewed once the file is complete and generally receive notification of the admission decision within four to six weeks.

High School Seniors

To make application, high school seniors should complete and forward the application for admission, along with a $50 application fee, either directly or through the high school guidance department, to the Rider University office of undergraduate admission. An official high school transcript is required as is an official report of scores received on the SAT (Scholastic Aptitude Test) or ACT (American College Testing) exam. Standardized testing reported on the high school transcript will be considered official. A 150-word essay and two letters of recommendation are also required to be considered for admission. Other appropriate information may be submitted (e.g. personal statement) in support of an application.

Strong candidates for admission will present a high school record that includes (through senior year) 16 acceptable academic units from a college preparatory curriculum. Four units of English are required of all applicants, as are three units of mathematics, up to and including algebra II. Remaining units will be accepted from the academic disciplines of mathematics, science, foreign languages, social science and humanities.

Transfer Admission

The primary determinant of transfer admissibility is the academic record an applicant has compiled over all prior college coursework. Accordingly, transfer applicants must submit a Rider application for admission, a $50 application fee, a 150-word essay, two letters of recommendation, and ensure that official academic transcripts are sent to Rider by all postsecondary institutions previously attended. Applicants who have completed 30 credits at the college level need not submit a high school transcript for admission. However, students who receive federal financial aid must submit a high school transcript to the office of undergraduate admission to verify graduation from high school. There is no minimum number of credits a student must earn before applying for transfer. Generally, courses completed with a grade of “C” or better that meet comparable Rider course requirements will be accepted for transfer. Courses are reviewed individually, however, and final determination of transferability rests with Rider’s academic deans.

Grades from another college will not be counted as part of a student’s GPA at Rider. Credits that are more than 10 years old are subject to reevaluation.

Some courses in the business administration curriculum are required at the junior or senior level. If such courses were taken at a lower level, they must be validated before transfer credit can be granted. Methods of validation differ from department to department and from course to course. However, typical methods of validation include examination and successful completion of a specified advanced level course. Specific validation procedures should be discussed with an advisor.

A student transferring from an accredited two-year institution may receive up to 60 credits, provided these credits are compatible with Rider degree requirements. Students transferring from a four-year institution may transfer up to 90 credits (maximum 75 in business).

All transfer students seeking either an associate or a bachelor’s degree must complete their last 30 semester hours at Rider. In addition, candidates for the Bachelor of Science in Business Administration must complete a total of 45 semester hours at Rider, including the last 30 semester hours.

Students who have been dismissed from another institution may not apply for admission to degree programs until one year after the date of dismissal. Falsification or concealment of a student’s previous record will be deemed sufficient basis for summary dismissal.

International Students

To apply for admission, international students must complete the undergraduate application form along with the International Student addendum and submit it along with a $50 application fee to the office of undergraduate admission. Transcripts from all secondary and postsecondary schools attended must be submitted including an English translation of courses completed and grades received.

The TOEFL examination is required of all international applicants whose native language is not English.

Students for whom English is their native language must submit scores received from the SAT or ACT examination.

A notarized financial resource statement or notarized bank statement is required to demonstrate the student’s ability to pay the total cost of attendance.

Interviews and Tours

Interested students are encouraged, but not required to interview with a member of Rider’s admission staff. Appointments and campus tours are available weekdays (10 a.m., noon and 2 p.m.) and Saturday mornings when the University is in session and may be arranged by calling the office of admission at 1-800-257-9026 or 609-896-5042.

Rider’s campus is virtually barrier free. Rider extends a special invitation for physically disabled students to visit the campus, examine the physical facilities, and check the availability of support services.

Rider University does not discriminate on the basis of race, color, creed, gender, age, sexual orientation, national or ethnic origin, or disability status in the administration of its educational or admission policies, employment practices, scholarship and loan programs, athletic programs and any other Rider-sponsored program.
Acceptance of Admission

Commuter Students
In order to accept the Rider offer of admission, it is necessary to return the admission acceptance form together with a nonrefundable deposit of $200 to the cashier’s office. The deposit will be credited to the student’s account.

Resident Students
To accept the Rider offer of admission as a resident student, it is necessary to return the admission acceptance form and the housing agreement together with a nonrefundable deposit of $500 ($200 tuition deposit and $300 room and board deposit). Housing is guaranteed for the fall term as long as all deposits are received no later than May 1 prior to the start of the fall semester.

Deposits are required of all students whether or not they are receiving financial aid.

Final Official Transcripts
All new freshmen students to the University are required to submit a final, official copy of their high school transcript prior to enrolling.

Registration
Registration is required of each Rider student. Registration consists of:
- Completing the course request form at the specified time;
- Paying tuition and fees in the cashier’s office when due;
- Filling out and returning data forms;
- Receiving a class schedule;
- Receiving an I.D. card;
- Registering motor vehicles.

A student who fails to make payment in full within 10 days of the due date for tuition and fees may be cancelled from the courses and on-campus housing (if applicable). Those courses and housing assignments will then be assigned to students on the waiting list.

Course Requests
Students entering Rider for the first time make their course requests during the February or summer orientation programs. Each succeeding semester, the registrar conducts a two-week course request period for students to indicate preferred courses for the following semester. Course requests are not completed until the student turns in the course request form to the registrar’s office.

Residence Life
The Rider housing policies and residence requirements are based upon a desire to grant as much independence to individual students as possible in choosing their residences and a sincere and documented belief that residence in university facilities has a positive educational effect. Rider’s goal, therefore, is to provide suitable accommodations for every student wishing to live on campus and to make campus residence part of the educational process.

All students who live in a residence hall are required to take meals in the dining hall.

Housing Agreement
To make a housing reservation, a student must submit the housing agreement together with a $100 security and a $100 housing deposit. The security deposit is held, until the student leaves Rider, to cover any damage to the residence halls other than that caused by ordinary wear and tear. The housing deposit will be held in the student’s account and applied towards the room rent for the spring semester. Students who asked to be released from their housing contract for the spring semester forfeit both their housing and security deposits.

Students Who Withdraw from The University
The housing deposit is non-refundable except to a returning student who withdraws for the fall semester prior to July 1, withdraws for the spring semester prior to January 20, or is academically dismissed.

Veterans
Rider maintains a veterans affairs office to help veterans and eligible dependents obtain VA education benefits. The veterans affairs office, located in the registrar’s office, provides veterans with information services and certification processes.

Rider’s degree programs are approved under the Veterans Readjustment Act of 1966, as amended. To assure prompt and accurate certification, each veteran or eligible dependent is required to file a veteran’s request for certification form. Students in CCS should complete this form and return it to the veterans affairs representative in their college. Students enrolled as full-time day students, graduate students, or students receiving benefits under Vocational Rehabilitation for Disabled Veterans should return this form to the veterans affairs coordinator in the registrar’s office. No veteran or dependent will receive benefits unless this form is completed and filed with the appropriate veterans affairs representative.

Students filing for benefits at Rider for the first time must contact the appropriate veterans affairs representative.

VA Monthly Educational Benefits for Full-Time Students
(Rates effective October 1, 2007)

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Monthly Rate</th>
</tr>
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<tbody>
<tr>
<td>106 (National Guard)</td>
<td>$317</td>
</tr>
<tr>
<td>30 (Montgomery GI Bill), depending on active duty obligation</td>
<td>$894–$1,101</td>
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<tr>
<td>35 (dependents)</td>
<td>$881</td>
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Veterans can accelerate academic programs by receiving credit for certain educational programs completed in the service under USAFI agencies as well as through the College Level Examination Program (CLEP). To transfer credits from other institutions or for information on applicable study credits, contact the office of admissions and student financial services.

In view of the fact that many veterans have found it difficult to meet tuition payments by the date established by Rider for full payment of fees, all veterans enrolled in the day school who have been certified as eligible for veterans’ benefits may be eligible for deferred payment of tuition. The plan of payment appropriate for a particular individual is determined by the veterans coordinator after review of the student’s financial situation. Veterans who believe they may be eligible for additional financial aid from Rider should apply directly to the director of student financial services.

### Tuition and Fees

Typical undergraduate day expenses for the 2008–2009 academic year are estimated as follows:

#### Undergraduate Tuition
- Full-time comprehensive tuition (fall and spring semesters): $27,140
- Per credit hour tuition: $870
- Audit fee per course: $180

#### Room and Board
Residence rates on the Lawrenceville campus for the 2008–2009 academic year range from $3,030 per semester for a standard double room to $4,450 per semester for a four single bedroom apartment. Board for the 2008–2009 academic year is estimated at $2,110 per semester. For more information on the wide variety of housing options and meal plans, please contact the Office of Residence Life at 609-896-5057 or visit their Web site at rider.edu/housing.

#### Student Mandatory Fees
- New student orientation fee: $250
- New fall semester freshman (Lawrenceville and Princeton): $250
- New fall semester transfer (Lawrenceville): $200
- New fall semester transfer (Princeton): $250
- New spring semester students (both campuses): $75
- Student activities fee (academic year): $250
- Student teaching fee (academic year): $245

#### Advance Deposits
- Tuition deposit (new students only): $200
- Housing deposit: $200
- Security deposit (payable only once with initial housing agreement): $100

#### Technology Fees
- Full-time students: $170/semester
- Part-time students: $35/course

### Other Fees

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Application fee (nonrefundable)</td>
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<tr>
<td>Readmission fee (nonrefundable)</td>
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<td>I.D. card replacement fee</td>
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<td>First replacement</td>
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<td>Subsequent replacements</td>
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<td>Student medical insurance plan</td>
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<td>International student medical plan</td>
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<td>Late registration fee</td>
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<td>Late payment fee of tuition, full-time day</td>
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<td>Late payment fee of tuition, part-time day</td>
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<td>Dishonored check fee, first time</td>
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</tr>
<tr>
<td>Dishonored check fee, after first time</td>
<td>$50</td>
</tr>
</tbody>
</table>

*Subject to change based on market quotes.

**Returned checks that have not been redeemed or made good by the due date will be assessed the late payment fee in addition to the dishonored check fee.

The fees and charges set forth herein are subject to adjustment at any time. Questions regarding rates and fees should be directed to the bursar’s office.

Expenses for the College of Continuing Studies (CCS) are on page 101. Summer session charges are in the summer session catalog, available from the CCS office.

The comprehensive tuition fee covers a normal academic load of between 12 and 18 credit hours per semester. Students are charged $435 per credit hour in excess of 18 credits. The comprehensive tuition fee may not include audit and noncredit courses. Any questions regarding tuition charges should be directed to the bursar’s office. Students taking one through 11 semester credit hours are charged $870 per credit hour.

Eligibility for scholarships, loans, and housing may be jeopardized if a student registers for a part-time load.

Students receiving financial aid from federal government programs or agencies (for example the Veterans Administration, the Civil Service Commission or State Scholarship Commissions) must pursue a full-time course of study of 12 credits or more to meet the eligibility requirements for continued assistance. Most state programs have the same requirement.

### Deposits

#### New Students

New commuting students are required to provide a tuition deposit of $200. In addition, new resident students are required to provide a housing deposit of $200 and a security deposit of $100. The housing deposit is held in the student’s account until it is applied to reduce the housing charges in the spring semester.
Continuing Students
Continuing resident students who wish to reserve housing for the next academic year are required to provide a $100 room deposit. That deposit is paid in the spring semester, and held in the student’s account until it is applied to reduce the housing charge in the spring semester of the next academic year. No tuition deposit is required of continuing students.

Waivers and Refunds
Students demonstrating full financial need may be eligible for full or partial waiving of deposit(s) by applying to the student financial services office. Housing and tuition deposits for new students are not refundable.

Housing deposits for continuing students are refundable if: (1) students provide written notice to the dean of students office by July 1 for fall semester or January 20 for spring semester. Notice must be received by those dates for a refund to the granted; or (2) the student is dismissed by action of the Committee on Academic Standing or the Judicial Board.

Account Statements
Statements are sent to students at their local address (campus address if resident and to home address if commuter). The University will mail account statements to another address of the student’s choice if a written request is submitted to the bursar’s office.

Terms of Payment
Tuition, fees, and charges for room and board are due and payable in two installments: August for the fall semester and January for the spring semester. Students should mail their payments to be received by the due dates stated on the invoice. Students participating in Rider’s Study Abroad programs have the same payment deadlines.

Payments may be made by check, cash, Visa®, MasterCard®, in person, online, or by mail addressed to: Cashier’s Office, Rider University, 2083 Lawrenceville Road, Lawrenceville, NJ 08648-3099.

Checks should be made payable to Rider University. International students should make payments in U.S. dollars. The student's name and Bronc ID number should be included on the check.

A monthly payment plan may be used to pay Rider costs. For additional information, contact:
Academic Management Services
One AMS Place
P.O. Box 991
Swanseh, MA 02777-0991
800-635-0120

Students are asked to carefully consider the published payment deadlines. Prompt payment of student account balances ensures students keep the classes they selected in advance registration and their advance housing assignments. Balances unpaid after the deadlines or paid with checks returned by the student's bank will result in courses and housing reservations being cancelled, so please be aware of the deadlines.

Financial Obligations
Students can meet their financial obligations to the University by paying their account balances in full or by enrolling in an approved deferred payment plan. Inquiries about account balances and payment options should be directed to the bursar’s office in the Bart Luedeke Center, 609-896-5020.

Students must also be in good financial status with all organizations with which Rider has declared an official relationship, such as the New Jersey Higher Education Assistance Authority, in order to be officially registered.

Students with unmet obligations are not considered to have valid registrations. They may be prevented from attending classes, receiving transcripts, participating in advance registration for upcoming semesters, and under certain conditions, from graduating.

Liability for tuition costs will not be waived unless the student officially drops or withdraws from the course(s) for which he or she registered (see Refunds, below).

Refunds
Refunds Due to Withdrawals
No refunds of undergraduate day tuition or room and board will be made to any student who withdraws from Rider without the written permission of the dean of students, nor will any refund be made for absences or dismissal from Rider after the refund period. A student who fails to withdraw officially waives the right to consideration for any refund. All refunds are based upon the official withdrawal date and will be calculated from the official opening date of classes in accordance with the following schedule for the fall and spring semesters.

Prior to the official opening of classes (less deposits) 100%
During the first week of any semester 80%
During the second week of any semester 60%
During the third week of any semester 40%
During the fourth week of any semester 25%
No refunds are made for withdrawals after the fourth week of any semester. Budgetary commitments require strict adherence to the policy regarding refunds. Appeals due to extenuating circumstances should be directed to the dean of students.

Refunds Due to Leave of Absence
Students granted leaves of absence due to medical reasons or to fulfill a military obligation may be eligible for refunds or credits if they must withdraw involuntarily during a semester. Students granted leaves of absence may be given prorated credit for the unused portion of the semester calculated from the date the leave is granted.
Refunds for Course Withdrawals
Full-time students who withdraw from courses during the two-week add/drop period revising their course load to less than 12 hours will be billed at the per credit hour day tuition rate.

The refund policy for Continuing Studies appears in that chapter of this catalog (page 102). Refund policies for summer session, and special programs may be found in the respective catalogs and announcements.

Return of Title IV Funds
If a student withdraws from the institution, a calculation will be performed to determine the amount of financial assistance the student earned based on the length of time she/he attended. If the amount of aid the student received is greater than the amount of aid earned, a portion of the Title IV proceeds must be returned. No return of Title IV money will occur if the amount of aid earned exceeds 60 percent; at that point, all aid is considered earned. This policy is independent of the Institutional Refund Policy.

Student Financial Services (Financial Aid)
Rider University believes that no student should be denied a quality education for reasons of cost. Accordingly, the student financial services staff is committed to assisting families in making education affordable. All students and their families are encouraged to apply to determine eligibility for federal, state, and institutional aid sources. There are no income cutoffs used to determine eligibility. Often students who do not anticipate receiving aid find themselves eligible for one or more types of financial assistance. Currently, 78 percent of Rider University undergraduate students receive some form of financial assistance.

How to Begin
The first step in the annual financial aid application process is the filing of the Free Application for Federal Student Aid (FAFSA). To be considered for Rider University funds, including merit scholarships, all students should file the FAFSA with the federal processor by March 1. An earlier filing date is strongly recommended. It should be noted this is a priority filing deadline. Applications received after this date are awarded on a funds available basis. The FAFSA must be completed for all types of aid including the federal Stafford Loan.

What the FAFSA Does
The information supplied on the FAFSA provides Rider University with a federally calculated amount that the file’s family can reasonably be expected to contribute toward college expenses. This figure is taken into consideration in relation to the total annual student expense budget to determine eligibility for financial assistance. By filing the FAFSA, students are applying for federal, state and institutional assistance. No other financial aid application will need to be filed.

Awarding
The Rider University student financial services staff develops a financial aid award package that typically includes federal, state and/or Rider University grants, a loan portion, and a work study opportunity on campus as long as financial need is demonstrated. In addition, on the basis of academic merit, scholarship assistance awarded by the office of admissions may also be included. Other sources of funding include off-campus employment, and scholarships awarded by high schools, and civic and business organizations. Additionally, a variety of loan programs and payment plans are available through independent agencies and financial institutions to assist in meeting college costs. In developing each applicant’s financial aid award package, all resources (federal, state, institutional, and private) are expended to address individual student circumstances as well as deliver equitable treatment for all applicants.

Scholarship Programs
Rider University offers several major scholarship programs based solely on academic merit. To be considered for one of these academic scholarships: (1) you must be regularly admissible to the University as a full-time student and remain a full-time student while attending Rider; (2) qualifying GPAs must be based on a 4.0 scale; (3) for freshmen scholarship, completed high school coursework should reflect at least a college-preparatory level of study; (4) completed application for admission, including essay, recommendations, official SAT/ACT scores, fee, and transcripts, must be received by January 15 for freshmen scholarship consideration and by April 1 for transfer scholarship consideration; (5) students must respond with their admission deposit by May 1. Cumulative GPA through seventh semester, December SAT and ACT will be latest academic information considered for awards. Rider only considers the critical reading and math components of the SAT and composite score on the ACT. Freshmen awards may be renewed annually for a maximum of four years eligibility. Transfer awards are renewable for a maximum of three years. NOTE: If you qualify for more than one Rider academic scholarship, you will receive the award of greatest monetary value.

For each of the below listed awards, eligibility for federal and state grants and scholarships are taken into consideration:

Presidential Scholarship
Presidential Scholarships of up to $18,000 are awarded automatically each year to freshman students who typically meet the following criteria. Recipients typically average SAT scores totalling at least 1250 or ACT composite score of 28, and a cumulative high school GPA of 3.5 or better. Scholarships are annually renewable for students who remain enrolled on a full-time basis and maintain a cumulative grade point average of at least 3.0. Students must make application by January 15 of their high school senior year.

Edward J. Bloustein Distinguished Scholarship
Recipients of the Edward J. Bloustein Distinguished Scholar Award, sponsored by the State of New Jersey will receive a $1,000 scholarship in addition to the scholarship they automatically qualify for based on GPA and standardized testing. All candidates who qualify for this scholarship must meet the regular admission criteria. The scholarship is renewable on an annual basis provided the student remains enrolled on a full-time basis and maintains a GPA of at least 3.0.
Actors’ Scholarship
Two full-tuition scholarships for actors are awarded to students chosen by audition for the Rider theater program. The scholarship is renewable provided the student remains enrolled on a full-time basis, majors or minors in fine arts, and auditions for at least three productions each year and accepts roles offered.

Athletic Scholarships
Athletic scholarships are available to qualified student athletes. For further information on athletic scholarships, contact the athletics department at 609-896-5054 for the appropriate coach’s name and extension.

Rider University Financial Assistance Programs
Rider University offers a need-based program of financial aid, including a need-based grant awarded to students to offset university costs. Awards vary according to need and academic record, and the range of the award may vary. Students must file the FAFSA each year by the priority filing deadline and demonstrate financial need to be considered for these resources.

Rider Grant
This is a need-based grant awarded to students to offset university costs. Awards vary according to need and academic record, and the range of the award may vary.

Rider Advantage Program
The Rider Advantage Program benefits all first-time, full-time freshmen who receive a cumulative GPA of 3.00 or better by the end of their first year at Rider and who demonstrate leadership qualities.

Transfer Scholarship
Rider automatically awards transfer scholarships ranging from $3,000-$8,000 for students transferring to Rider University who have earned a minimum GPA of 2.50. Students designated with the distinction of Phi Theta Kappa (PTK) will receive an additional $1,500 scholarship. The scholarship is renewable each year provided the student maintains full-time status with a GPA of at least 2.5. (Maximum eligibility of three years.) Students must make application by April 1 and respond with their admission deposit by June 1. In case of attendance at multiple institutions, GPA will be cumulative and based on all courses completed.

International Scholarships
Rider University offers academic scholarships for freshmen international students. To be considered for one of the four academic scholarships (Founder’s, Dean’s, Provost, or Presidential), you must:
1. submit your completed application for admission, including essay, standardized test scores, TOEFL or IELTS scores, application fee, and official transcripts by January 15, prior to the semester you wish to enroll;
2. be regularly admissible to the University as a full-time student;
3. have been actively involved in high school and/or local community;
4. have a minimum cumulative 3.0 GPA on a 4.0 scale;
5. submit your deposit on or before the deposit deadline of May 1.
Freshman international students are strongly encouraged to take the SAT or ACT and submit their scores to Rider University. Preference for academic scholarships will be given to those students who submit these scores.

Provost Scholarship
Provost Scholarships range in the amount of $13,000-$14,000 and are automatic for incoming freshmen. Students who have typically qualified in the past have average SATs of 1150 or an ACT composite score of 25 or better and have a cumulative minimum high school GPA of 3.25 or better. The scholarship is renewable if the student maintains a cumulative GPA of 2.75. Students must make application for admission by January 15 of their senior year and respond with their admission deposit by May 1.

Dean’s Scholarship
Dean’s Scholarships range in the amount of $9,000-$12,000 are automatic for incoming freshmen. Students who have typically qualified in the past have average SATs of 1050 or an ACT composite score of 23 or better and have a cumulative minimum high school GPA of 3.0 or better. The scholarship is renewable if the student maintains a cumulative GPA of 2.6. Students must make application for admission by January 15 of their senior year and respond with their admission deposit by May 1.

Founder’s Scholarship
Founder’s Scholarships range from $6,000-$7,000 and are awarded automatically each year. Students who have typically qualified in the past have average SATs of 1000 or an ACT composite score of 21 or better and a cumulative high school GPA of 3.0 or better. The scholarship is renewable if the student maintains a cumulative GPA of 2.5. Students must make application by January 15 of their senior year and respond with their admission deposit by May 1.

State and Federal Programs
Rider University participates in the following federal and state financial aid programs. These programs, in conjunction with Rider University and other assistance programs, provided approximately $70 million to Rider University students for the 2007–2008 academic year.

Federal Pell Grant
These entitlement awards range in value from $400 to an expected $4,310 per year based upon high financial need.
Academic Competitive Grant (ACG)
Federal Pell Grant recipients who have completed a rigorous secondary school program of study, as defined by the U.S. Department of Education, and who meet other criteria may receive an ACG of up to $750 during the first academic year of full-time enrollment, and up to $1,300 for the second full-time academic year.

National Science and Mathematics Access to Retain Talent (SMART) Grant
Federal Pell Grant recipients pursuing a major in certain science, mathematics, and technology fields, or in a critical foreign language, as defined by the U.S. Department of Education, and who meet other criteria may receive a National SMART Grant of up to $4,000 a year during the third and fourth academic years.

Federal Supplemental Educational Opportunity Grant
These campus-based grants are available to students who demonstrate high financial need. Awards are generally up to $1,000.

Federal Perkins Loan
These loans are available to eligible students who demonstrate high financial need. Being campus based, funds are limited. The interest rate is five percent and repayment begins nine months after leaving school.

Federal Work Study
Employment on- or off-campus is provided to eligible students through this work program. Typically students average about 10 hours per week when classes are in session.

Federal Family Education Loan Programs
Subsidized Stafford Loan Program
Students enrolled at least half-time are eligible to participate in the federal Stafford Loan Program. Freshmen may borrow $3,500, sophomores $4,500, and junior and senior students may borrow a maximum of $5,500 per academic year provided the subsidized loan together with grants, scholarships and other loans does not exceed the student's financial need. The federal government will pay the loan's interest until six months after graduation, or withdrawal, or when the student ceases to be enrolled at least half-time. Interest on this loan is fixed and is established each year by the federal government.

Unsubsidized Stafford Loan
Students ineligible for the subsidized program may participate in the unsubsidized federal Stafford Loan Program. In this program the student rather than the federal government is responsible for the interest during periods of enrollment.

Parent Loan for Undergraduate Students
This loan is for parents of undergraduate dependent students. Parents may obtain a PLUS loan up to the amount of the student's cost of education less financial aid assistance.

State Grants
The State of New Jersey sponsors a range of programs for New Jersey residents including:

Tuition Aid Grant (TAG)
The amounts of the grant differ in value based on the student's need. These grants ranged from $1,604 to $10,236 in the 2007–2008 academic year. Note: State grant recipients who enroll for fewer than 12 credits during the last term of the final year of their program of study are considered full-time for purposes of TAG eligibility certification.

Educational Opportunity Fund Grant
Undergraduate grants for eligible students were $2,500 for the 2007–2008 academic year.

Personal Policies
Protection of Personal Privacy
Access to student records may be accorded to Rider personnel with a legitimate educational interest in the records. Information may be released to other agencies and individuals according to these policies in compliance with the Family Privacy Act of 1974 (as amended):

- Rider may release the following information without written permission from the student: fact of enrollment, dates of enrollment, degree candidacy, degree awarded, and major field.
- Rider may release the following information unless the student has requested in writing that the information not be released: name, home and local address, and home and local telephone number.

No other information concerning an individual will be released without the written permission of that person.

Harassment
Rider reaffirms its desire to create an academic and work environment for all students, faculty, staff, and administrators that is not only responsible but supportive and conducive to the achievement of educational/career goals on the basis of such relevant facts as ability and performance. All students, faculty, staff, and administrators have the right to expect an environment that allows them to enjoy the full benefits of their work or learning experience. Harassment is any action that threatens, coerces, or intimidates individuals or classes of individuals because of their racial, sexual, ethnic, or religious identity or because of such characteristics as age or physical disability.
Sexual Harassment
Rider University is committed to sustaining an environment for teaching, learning, employment, and participation in other University programs or activities that is free of sexual harassment. It is the policy of the institution that no member of the community may sexually harass another. Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, and/or physical, verbal or written conduct of a sexual nature when:
1. Submission to such conduct is made explicitly or implicitly a term or condition of an individual’s employment, education, or participation in University programs or activities; or
2. Submission to or rejection of such conduct by an individual is used as a basis for decisions pertaining to an individual’s employment, education, or participation in University programs or activities; or
3. Such speech or conduct is directed against another and is abusive or humiliating and persists after the objection of the person targeted by the speech or conduct; or
4. Such conduct would be regarded by a reasonable person as creating an intimidating, hostile or offensive environment that substantially interferes with an individual’s work, education, or participation in university programs or activities.

In the educational setting within the University, as distinct from other work places within the University, wide latitude for professional judgment in determining the appropriate content and presentation of academic material is required. Conduct, including pedagogical techniques, that serves a legitimate educational purpose does not constitute sexual harassment. Those participating in the educational setting bear a responsibility to balance their rights of free expression with a consideration of the reasonable sensitivities of other participants.

Nothing contained in this policy shall be construed either to (1) limit the legitimate exercise of free speech, including but not limited to written, graphic, or verbal expression that can reasonably be demonstrated to serve legitimate educational, artistic, or political purposes, or (2) infringe upon the academic freedom of any member of the University community.

A copy of this policy will be widely distributed and prominently displayed so as to assure that all members of the Rider community are aware of their rights and responsibilities under this policy.

Student Conduct Policy
Students at Rider University are expected to abide by the basic principles of integrity, honesty, and respect. To define these principles, Rider has established regulations and policies to govern student conduct in both academic and social matters. These have been designed to allow each student the greatest possible freedom, consistent with the welfare of the community. All students are expected and urged to abide by these regulations that are spelled out in detail in The Source, the student handbook. In some instances, failure to abide by the code of conduct may result in dismissal or suspension.

Compensation for Performances
Students may from time to time participate in events or promotions sponsored by the University, including situations for which proceeds are received by the University. A student shall have no right or claim to any payment or proceeds from any entertainment, promotional, or publicity items, events or activities, including events or activities of an artistic or athletic nature. By registering in and attending the University, each student acknowledges that he or she has no right to payment for participation in any University event or payment for participation in sound or sight reproductions of any University event; and to the extent that any rights to any payment may exist, he or she assigns all such rights to the University, together with any and all copyrights, and waives all causes of action pertaining or related to such rights.

Academic Policies

Attendance
Since absences hinder the work and standing of a student, all students are expected to be in regular attendance at all class meetings throughout the academic year. The question of excusing absences will be left to the individual instructor. Faculty members are expected to take into consideration validated absences due to field trips, religious activities, participation in varsity athletics, placement interviews for graduating seniors, and illness sufficiently serious to be certified by either Rider or a family physician.

It is the responsibility of the student to inform his or her instructors of the nature and extent of an absence or anticipated absence.

Rider expects classes and exams to meet according to the established academic schedule. When a faculty member must be absent, Rider will make every reasonable effort to cover the class or exam.

Academic Classification
A student must carry 12 credit hours or more (or the equivalent) in a regular semester to be considered a full-time student. Normal progress toward a degree and academic classification consists of the following credit advancement:

<table>
<thead>
<tr>
<th>Class</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>0–23</td>
</tr>
<tr>
<td>Sophomore</td>
<td>24–53</td>
</tr>
<tr>
<td>Junior</td>
<td>54–89</td>
</tr>
<tr>
<td>Senior</td>
<td>90 or more</td>
</tr>
</tbody>
</table>

Students receiving financial aid from any source need to be particularly concerned with their full-time status and with making normal progress toward a degree.
Grade Reports

Members of the faculty are officers of instruction at Rider. Among their responsibilities as such is the evaluation of students’ academic accomplishments in courses of instruction. These evaluations ultimately are expressed in grades that are recorded in the student’s academic record. Members of the faculty, judging the competencies and performances of students, assign grades based on their professional experience and training. Grades assigned by the faculty follow practices and procedures within the standards established by Rider and within the standards established by individual course requirements.

Letter grades are used at Rider for recording faculty evaluations of final student achievement in individual courses and are entered on the permanent academic record of a student’s academic performance.

The academic grades used by faculty for recording evaluations of student achievement are as follows:

- **A** 4.0
- **A-** 3.7
- **B+** 3.3
- **B** 3.0
- **B-** 2.7
- **C+** 2.3
- **C** 2.0
- **C-** 1.7
- **D** 1.0
- **D-** 1.3
- **F** 0.0

For determining grade point averages, the grades above have weighted values, called variously honor points, quality points, or grade points, as follows:

- **A** 4.0
- **A-** 3.7
- **B+** 3.3
- **B** 3.0
- **B-** 2.7
- **C+** 2.3
- **C** 2.0
- **C-** 1.7
- **D** 1.0
- **D-** 1.3
- **F** 0.0

Each instructor of a course will inform the student of the course objectives, procedures, and applicable grading standards. Upon a student’s written request, members of the faculty will provide a review of the student’s course work at least once each semester by the midpoint of that term. Each student also may review material submitted to the instructor for evaluation, such as papers, examinations, and the like. In these ways, students are able to assess their own progress in a course before final grades are assigned.

(Note: Faculty members are not required to maintain student course materials more than four months after the end of an academic term.)

A student’s grade report also may show the following transcript notations, which carry no grade point value:

- **I** Incomplete
- **L** Late grade
- **N** Registered; did not attend
- **P** Passing
- **S** Satisfactory progress
- **U** Failure in pass/fail course
- **W** Withdrawn
- **X** Audit
- **Y** Satisfactory completion of supplemental education course
- **Z** Insufficient progress in supplemental education course

“N” and “W” notations are included in the total semester hours attempted as far as tuition payment is concerned.

Policy for Grade of Incomplete

Students who, as a result of extenuating circumstances, are unable to complete the required work of a course within the normal time limits for the term may request an extension of time from the faculty member. Such extensions of time should be granted only in cases in which illness or other serious emergency has prevented the student from completing the course requirements or from taking a final examination. The request for extension of time must be made prior to the last scheduled class meeting except in those unusual situations in which prior notification is not possible. The faculty member shall determine whether or not to grant the request for a time extension and the type of verification (if any) required to support the request. The faculty member shall specify the time, up to four weeks from the last date of the term, by which work must be completed by the student. If the faculty member agrees to the request, the notation “I” (incomplete) is submitted on the grade roll. In those situations where the faculty member has not received a request for an extension of time, the notation “I” (incomplete) may be submitted on the grade roll by the faculty member when, in his or her judgment, such a determination appears justified. Upon submission of completed required work, the faculty member will submit a change-of-grade form to the registrar.

Students who, as a result of extenuating circumstances, are unable to submit the required work at the end of the four-week period may request an extension of the incomplete grade. The request for an extension of the incomplete must be made prior to the expiration of the four-week period. If the faculty member agrees to the request for an extension, the faculty member shall specify the time, up to a maximum of two weeks from the date of expiration of the four-week period (i.e., six weeks from the last date of the term) by which work must be completed by the student. If the faculty member agrees to the request, the notation “I” (incomplete) is submitted on the grade roll. In those situations where the faculty member has not received a request for an extension of time, the notation “I” (incomplete) may be submitted on the grade roll by the faculty member when, in his or her judgment, such a determination appears justified. Upon submission of completed required work, the faculty member shall submit a change-of-grade form to the registrar.

Failure of the registrar to receive from the faculty member a change-of-grade form or an extension-of-incomplete form at the end of the four-week period, or a change-of-grade form at the end of the six-week period, shall result in the automatic assignment of the grade “F” by the registrar.

Dean’s List

The Dean’s List is published at the end of each semester to announce academic honors. To be placed on the Dean’s List, a student must be enrolled full-time and have a 3.25 GPA with no grade below “C”. Part-time students in the College of Continuing Studies are also eligible.

Graduation with Honors

Graduation with distinction depends upon the achievement of exceptionally high scholastic averages and completion of all requirements. This distinction is reflected by the awarding of degrees cum laude, magna cum laude, and summa cum laude. Graduation with distinction is awarded on the following basis:

- **Summa cum laude** 3.75–4.0 average
- **Magna cum laude** 3.5–3.74 average
- **Cum laude** 3.25–3.49 average

Grade point averages are computed only on work taken at Rider.
Course Withdrawals
Students may drop courses during the first two weeks of a semester at their own discretion. Students may withdraw from courses and receive a grade of "W" during the third through seventh weeks of the semester. In the semester's eighth through 11th weeks, students may withdraw from courses with the written consent of the course instructor and receive a grade of "W". After the end of the 11th week of a semester, students may withdraw from courses and receive a grade of "W" only for documented involuntary reasons (such as medical incapacity). Such validated reasons shall permit a student to withdraw from courses with a grade of "W" at any time beyond the add/drop period. Reasons must be validated by the academic dean of the college in which the student is enrolled (in consultation with the dean of students).

Withdrawal policies during special sessions observe time limits proportional to the time limits of a regular semester. Course withdrawal forms are available in the registrar's office and in the CCS office for its students.

Conditional Standing, Dismissal and Readmission
All students permitted to enroll at Rider are in good standing and are qualified to be bona fide students. Decisions regarding academic conditional standing and dismissal for poor scholarship are the responsibility of the Committee on Academic Standing within each college.

Because a 2.0 or better cumulative GPA is required for graduation, a student is expected to maintain at least a 2.0 cumulative GPA while enrolled at Rider. A student who fails to maintain at least a 2.0 cumulative GPA will be reviewed by an academic standing committee and may be dismissed or placed on conditional standing.

Students who have not done satisfactory work may be dismissed for poor scholarship at the end of any semester after an appropriate review of their scholastic records by the academic standing committee. There must be substantial evidence of proper motivation and a capacity for doing college-level work to warrant maintaining a student with a record of continued conditional status. An academic standing committee may require a student who does unsatisfactory work to pursue a specific course of study during a particular academic session. A student who fails to pursue a course of study prescribed by an academic standing committee, or who does unsatisfactory work in the prescribed course of study, may be dismissed without the right of further appeal.

Students who wish to appeal a dismissal must submit a written statement of appeal to the academic dean of their college within 10 days from the date on their letter of dismissal. All appeals submitted by the deadline will receive consideration by the appropriate academic standing committee. Academic dismissal at the end of the fall semester is effective prior to the beginning of the spring semester.

Dismissal for academic reasons terminates a student's relationship with Rider. Although some students will apply for readmission, there is no real or implied right to such readmission. A student dismissed for academic reasons normally will not be eligible for readmission within one calendar year of the dismissal date. Decisions concerning readmission are made by the Committee on Academic Standing of the college to which the student seeks readmission.

Leave of Absence
Students who withdraw from the University for medical incapacity, active military service, family crisis, or to pursue a specific academic or professional alternative may apply for a leave of absence. The dean (in consultation with the dean of students) may grant the leave upon receipt of appropriate documentation. Medical leaves are for one year. Military leaves are renewable up to four years. Academic status is the same upon return provided that appropriate programs and courses are offered or can be substituted. Medical clearance is required for approval for return.

Students granted leaves of absence may be eligible for refunds or credits if they must withdraw involuntarily during a semester. Students granted leaves of absence for medical reasons will be given prorated credit for the unused portion of the semester calculated from the date the leave is granted.

Voluntary Withdrawal and Readmission
A student withdrawing is required to submit the withdrawal in writing and to surrender his/her identification card. Failure to comply with this requirement may preclude any further enrollment. An unapproved withdrawal results in failure in all scheduled courses. Additional, relevant policies are as follows:

1. Withdrawal from the University effective during the term:
Withdrawals from the University effective during a term may be approved during the first 11 weeks of classes (Registrar will provide withdrawal deadlines for each term). A University withdrawal form is completed and filed (or written/signed notification of intent to withdraw is received). Withdrawals from the University are not approved after the withdrawal deadline except when involuntary (for such reasons as medical incapacity) as judged by the dean in consultation with the dean of students. All grades are entered on transcript as “W”.

2. Withdrawal from the University effective other than during the term:
Withdrawals from the University effective other than during an enrolled term may be approved by the dean of the college (or by the dean of students) upon receipt of a University withdrawal form (or written/signed notification of intent to withdraw). Students who have failed to complete registration by the registration deadline for a regular term may be withdrawn by the dean (or by the dean of students). The students are sent a notice of the action. The effective date is retroactive to a date prior to the beginning of classes. If students are withdrawn for failure to complete registration, courses will be dropped from the transcript.

3. Dropping a course in the first two weeks:
Courses may be dropped by a student prior to the end of the second week of classes of a semester (or proportionate time for shorter terms) by submitting the appropriate form to the dean's office/registrar (or by electronic means with confirmation of the transaction). Dropped courses are removed from class rosters and do not appear on transcripts.

4. Course withdrawal from the third to the seventh weeks:
Students may withdraw from courses from the third week through the seventh week of semesters (or proportionate times for shorter terms) by submitting completed course withdrawal forms to the dean's office/registrar.
5. Course withdrawal from the eighth week to the last two weeks of class:
In the semester’s eighth week up to the last two weeks of classes in a semester, students may withdraw from courses with the written consent of the course instructor and receive a grade of “W”. (Proportionate times are used for shorter terms.)

6. Course withdrawal in the last two weeks of the term:
Students may withdraw from courses during the last two weeks of classes or finals (or proportionate times for shorter terms) only for documented involuntary reasons (such as medical incapacity) with the approval of the dean (in consultation with the dean of students).

7. Readmission:
Each college or school grants readmission to students in accordance with policies and procedures specified by the Academic Policy Committee and academic standing committee of each college or school/program.
Campus and Facilities

Rider University’s 280-acre Lawrenceville campus is in Lawrence Township, New Jersey, on Route 206, a quarter-mile south of I-95, five miles south of Princeton, and three miles north of Trenton. The modern facilities, designed to meet the academic, social, and recreational needs of the Rider community are clustered and within easy walking distance of one another. Ample parking is available.

Memorial Hall, the Science and Technology Center, the Fine Arts Center, the Joseph P. Vona Academic Annex, the Stephen A. Maurer Physical Education Building, and Anne Brossman Sweigart Hall contain the classrooms and laboratories for all curricula.

In the fall of 2005, the university community celebrated the opening of a new residence hall and a 42,000-square-foot Student Recreation Center. The new residence hall and three-story additions to Hill and Ziegler halls on the north side of the main mall provide a sweep of attractive brick façade that stretches more than 550 feet. Across the campus mall, the Student Recreation Center features a state-of-the-art fitness center, three multipurpose courts, elevated jogging track and new locker rooms. A glass-fronted, 9,000-square foot atrium/lobby links the SRC with Alumni Gymnasium and is a gathering place for students. The new structures on both sides of the mall complement each other in look and style and are visual examples of the renewal taking place at Rider.

The University Libraries

Rider’s libraries are at the center of intellectual life of the University, stimulating pursuit of free and critical intellectual inquiry through collaborative intellectual partnerships. A well-qualified faculty and staff support the information needs of students, faculty, staff, alumni, and friends by offering access to scholarly collections and information sources. Fostering the development of information literacy and enhancing connections between teaching and learning for life-long success is heavily emphasized. The libraries seek to provide welcoming surroundings conducive to the use and conservation of the diverse collections. Their Web site is www.rider.edu/library.

Lawrenceville Campus

The Moore Library collection includes a wide variety of materials to meet a broad range of learning styles. More than 450,000 print volumes, 616,000 microform volumes, access to more than 30,000 periodical titles in a mix of print and electronic formats, and a wide variety of electronic research tools make up the library. Housed in the Franklin F. Moore Building, the library is available to students, faculty, staff, and visiting researchers.

Electronic access to the online catalog, a vast array of databases and other finding aids, as well as the Internet, are provided in public areas and two instructional facilities in the library. A laptop loan program provides additional computing resources for use in the library.

A strong service program includes customized individual and group information literacy instruction, a vigorous reference service, and an inter-library loan program, as well as on-site access programs to many other libraries.

More than 1,000 current periodicals in paper formats are attractively displayed, along with a large selection of current newspapers.

Viewing and listening rooms are available to complement the collection of moving image materials. In addition, the Amy Silvers Study Room is equipped to support the needs of students with special needs.

A new extended hours study lounge at the entrance to the Moore Library provides a comfortable late night study venue, as well as additional food friendly study space throughout the regular daytime hours.

Princeton Campus

The library at Westminster Choir College is housed in the Katherine Houk Talbott Library Learning Center. These collections comprise more than 60,000 books, music scores and periodicals, approximately 5,000 choral music titles in performance quantities, a choral music reference collection of more than 80,000 titles, 200 current periodical titles in print, as well as access to more than 34,000 titles electronically, and more than 25,000 sound and video recordings. Exceptional holdings are found in the library’s special collections.

Talbott Library’s score and sound recording collections cover all musical styles, genres, and periods at a basic level, but are concentrated more heavily in the areas of choral, vocal, keyboard, and sacred music. Of note are collected works of many individual composers, monuments of music, an extensive piano pedagogy collection, instructional material for music education in primary and intermediate schools, and holdings both broad and deep in choral music, keyboard music, and hymnals. The library collects multiple print editions of many music titles for comparison of editing practices and multiple recordings of many titles for comparison of performance practices.

Talbott Library shares in Rider University’s online library system, available on the Web (http://library.rider.edu). An on-going project includes entering data for extensive choral music holdings into the international choral music databases, Musica (www.MusicaNet.org).
Bart Luedeke Center

Located on the lower level of the Bart Luedeke Center are the University store, a snack bar, Cranberry’s, opening onto the Bart Luedeke Center patio, the Rider Pub, the campus radio station (WRRC), and the offices of the College of Continuing Studies. Both Cranberry’s and the campus pub have selected evening hours.

On the second floor are the campus information desk, a 370-seat theater, the Cavalla Room (a multipurpose room adjacent to a terrace), and a TV lounge. The remainder of the floor houses some of the major student organizations in newly renovated offices – the Student Government Association, the Residence Hall Association, the Association of Commuter Students, the Student Entertainment Council, the Interfraternity Council, the Panhellenic Council, and the Minority Greek Council. Also located on the second floor of the Bart Luedeke Center is the Dean of Students office along with many student affairs offices, including the Office of Campus Activities, the Multicultural Center, the Office of Residence Life, the Office of Student Administrative Services, the photo I.D. room, and the University ticket booth. These groups are all housed together in a newly created Student Affairs Suite.

The University Art Gallery is located on the third floor of the Bart Luedeke Center. The Office of Student Financial Services, the Bursar, and the cashier’s office are also found on the third floor. The Career Services Center is housed here along with the Fireside Lounge (Room 245).

Rider University Store

Located in the Bart Luedeke Center, the University Store is a full-service facility for the Rider community.

In addition to both new and used required books, a large selection of general reading and reference books, supplies, and Rider imprinted items is available. The store offers a complete line of greeting cards, gifts, and magazines, a wide assortment of food, snacks, health and beauty aids, and daily and weekly newspapers.

The store is open Monday-Thursday, 8:30 a.m. to 7 p.m., Friday, 8:30 a.m. to 4:30 p.m., and Saturday 10 a.m. to 2 p.m., as well as during the weekend prior to the beginning of each fall and spring semester and additional weekday evening hours at the beginning of each semester.

Office of Information Technologies

The Office of Information Technologies (OIT) is responsible for all university technology services. Up to date, detailed information about these services and how to utilize them is located on the technology pages of the university Web site (www.rider.edu/technology). The OIT Help Desk, located in the Moore Library, provides support to students, faculty, and staff. Walk-in Help Desk hours are 8 a.m. to 7 p.m. Monday through Friday during each semester. For your convenience, requests for support can be submitted to the help desk staff in three ways: walk-in; by phone, 609-219-3000 (off campus) or X3000 (on campus); or via the Web at http://easypass.rider.edu. Wireless (802.11b) access is available in most academic buildings on both the Lawrenceville and Princeton campuses. The university wireless network is called “nowires.”

Also, for your convenience, there are two general access labs containing PC computers and laser printers, one in the Bart Luedeke Center, and one in the Fine Arts Building. Open lab hours and locations are posted on the office of information technologies Web site. In addition to these general access labs, there are kiosks containing PC computers and print stations in various locations. Academic department computer labs and electronic classrooms are located in Anne Brossman Sweigart Hall, Memorial Hall, Fine Arts Center, and The Science and Technology Center. Departmental lab hours may vary and are posted for each lab. Student assistants are available to aid in the use of the equipment and software in most labs.

Each registered student receives an e-mail account and Easypass account from the office of information technologies to access electronic services.

Rider students can access these services without charge. OIT administrative and staff offices are located in Centennial House.

Department of Public Safety

The department of public safety is open 24 hours a day, including holidays. Public safety should be contacted whenever there is an emergency (i.e., fire, medical, life safety) or a serious incident. The public safety department personnel can provide emergency transportation for disabled students. The emergency telephone number is 609-896-7777.

Special Study Opportunities

Rider University offers several special study opportunities including a Study Abroad Program and a Baccalaureate Honors Program. Information on these special programs is in the Core Curriculum and Study Opportunities chapter, beginning on page 9.

Student Life

Life at Rider University is more than just a classroom experience. Students have the option to live on campus, which provides them with an opportunity to be exposed to a variety of life styles, beliefs, attitudes and values. Another opportunity for students is Greek life. Greek life has a long tradition at Rider University with more than 15 percent of the undergraduate population involved in a social fraternity or sorority. Programs and services for commuters are also provided to involve students in campus life.

Undergraduate students are represented by elected officers who are members of the Student Government Association. Participation and involvement in extracurricular activities is strongly encouraged with the opportunity for students to participate in more than 100 clubs and organizations. Student leaders make the programmatic decisions for more than $300,000 collected from the mandatory student activities fee.

The Rider athletics department sponsors 20 NCAA Division I varsity intercollegiate programs. In addition, every student has the opportunity to participate in some form of athletics through the intramural athletics program.
Student Health Services

Rider University operates Student Health Services on the Lawrenceville and Princeton campuses. Student Health Services will evaluate and treat students that present with minor ailments or accidents. Treatment may include diagnostic services through a local laboratory, allergy injections, inhalation therapy, crutches, vaccinations, medication and reproductive health care. Referrals to the counseling center, medical specialists, dentists and local emergency departments can be arranged through Student Health Services.

The Health Center on the Lawrenceville campus is open 8:30 a.m. to 4:30 p.m. Monday through Friday. The Health Office on the Princeton campus is open 4 hours per day Monday through Friday. The hours, which change from day to day, are listed on the Rider University Student Health Services Web page which can be accessed at www.rider.edu/health. Both offices are staffed by a registered nurse. A physician is available during the fall and spring semester during posted hours.

There is no fee for services. Students will be billed for medications and vaccinations.

Parking and Vehicle Regulations

Rider provides ample parking for students. All vehicles operated on the campus by Rider students must be registered with the security office and must display the proper identification decal. The cost for vehicle registration and a parking permit is included in tuition. Failure to register a vehicle and properly display the decal will result in a fine. Student parking is restricted at all times to the student parking lots. The conduct of official Rider business by a student will not be considered a valid reason for parking in any other area. Students are responsible for adhering to the campus traffic regulations. These regulations and further vehicular information are available from the offices of the dean of students and the College of Continuing Studies.

Career Services

The office of career services, located in the Bart Luedeke Center, serves students in several ways. Through individual counseling, small group sessions, the career services Web site and assistance in the career resource library, this office seeks to help students gather realistic information on which to base curricular choices and to begin making career decisions. Current information on specific occupations as well as general information on choosing a career field and job hunting is maintained on line at www.rider.edu and in the career resource library. Early attention to realistic career alternatives and requirements can often prove helpful in planning satisfactory college programs.

General information on planning for graduate study and fellowship announcements is located in this office. Students considering graduate work are urged to make initial inquiries early in their college career in order to become aware of the wide variety of programs and financial aid opportunities.

The career services office assists students in planning their search for suitable employment. On-campus interviews are scheduled for seniors with representatives from the corporate world, not for profit, education and government. Recruiting interviews are held in the fall and spring. Assistance is available in preparing resumes and cover letters. Students are urged to gather references from faculty members at several points during their college careers. The office is open daily Monday through Thursday, 8:30 a.m. to 8 p.m., and until 5 p.m. on Friday.

Cancellation of Classes

Ordinarily, Rider will remain open and fully operational during snowstorms and other emergency situations. Under extreme conditions, however, it may become necessary to close Rider and to cancel classes.

If such circumstances should arise, please call the Rider University information hotline at 609-219-2000, and select option 1. The Rider Web site will also announce cancellations.

In addition, the cancellation of classes for weather-related emergencies will be broadcast on:

- KYW 1060-AM Philadelphia
- WCTC 1450-AM New Brunswick
- WPST 94.5-FM Princeton
- WBCB 1490-AM Levittown
- WKXW 101.5-FM Trenton
- WIMG 1300-AM Trenton
- WCBS 880-AM New York

Philadelphia area radio stations cooperating with the KYW Storm Center will identify Rider by the number 923 for day classes and 2923 for evening classes.
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Guide

This catalog contains curricular offerings of Rider University (Lawrenceville campus) for full-time and part-time undergraduate students. Information about graduate programs in the College of Business Administration and the School of Education are available in a separate publication, available in the College of Continuing Studies (CCS) office, the office of graduate services, and the offices of the deans.

Full-time undergraduate students should refer to the procedures and policies chapter for an overview of pertinent information, as well as the academic calendar for 2008–2009. All policies and procedures, including the University’s judicial system and social code, are described in detail in The Source, a student handbook published by the office of the dean of students.

For curricular matters, full-time undergraduates should refer to the core curriculum and study opportunities chapter, the chapter on their program of study and the course descriptions. Part-time undergraduates in CCS should also read the chapters on procedures and policies, and core curriculum and study opportunities. Procedures and policies specifically geared to CCS students, as well as the CCS calendar, are included in the CCS chapter. (CCS students should also refer to The Source.)

All curricular offerings are described in the CCS chapter as well, but course descriptions are in the course descriptions chapter. Please note that while the course numbers, titles and contents apply to all undergraduates, the semester designations apply only to day students. CCS students should refer to the CCS course roster, available in the CCS office, for semester scheduling information.

Summer session offerings are in a separate publication available in the CCS office. Details about offerings at Westminster Choir College are in the Westminster Choir College academic catalog.

Students are expected to be familiar with the information in this catalog. Failure to read the catalog and comply with its regulations does not excuse a student from responsibility for the rules and other information in the catalog.

Rider may, through its academic governance process, change its academic policies and its degree requirements at any time. Any major change will include an implementation schedule that will take into account the impact on currently matriculated students and will clearly establish the applicability of the change on those students. The provisions of the catalog are not to be regarded as an irrevocable contract between the student and Rider University. Rider reserves the right to change any provisions or requirements at any time.

Rider University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, handicap/disability, age, or Vietnam-era disabled veteran status in employment, or in the application, admission, participation, access, and treatment of persons in instructional programs and activities. This policy statement covers all aspects of the employment relationship and admission to, access to, and treatment of employees and students in Rider University’s programs and activities. While not federally mandated, this policy also prohibits discrimination on the basis of sexual orientation in the admission and treatment of students and employees in Rider University’s programs and activities and in the hiring, treatment, promotion, evaluation, and termination of employees. The designated coordinator for compliance is the director of human resources and affirmative action in the office of human resources in room 108 of the Moore Library.

Rider University is designated a teaching university in the state of New Jersey pursuant to New Jersey Administrative Code 9:1-3.1 et seq.

For a staff phone/e-mail directory or more information, please visit www.rider.edu.

Directions to Lawrenceville Campus

From the New Jersey Turnpike:
Take Exit 7A (I-195 West). Follow I-195 West to the exit for I-295 North toward Princeton, exit 60 B. I-295 North will become I-95 South. Take Exit 7A (Route 206 South/Trenton). Rider is a quarter mile on the right.

From Route 1 South:
Take the exit for I-95 South toward Philadelphia. From I-95 South, take exit 7A (Route 206 South/Trenton). Rider is a quarter mile on the right.

From the Garden State Parkway:
Take Exit 98 (I-195 West). Continue on I-195 West to the exit for I-295 North toward Princeton. I-295 North will become I-95 South. Take Exit 7A (Route 206 South/Trenton). Rider is a quarter mile on the right.

From I-295 North:
I-295 North will become I-95 South. Take Exit 7A (Route 206 South/Trenton). Rider is a quarter mile on the right.

From Philadelphia and South:
Take I-95 North (not the NJ Turnpike) through Philadelphia and into New Jersey. Once in NJ, take Exit 7A (Route 206 South/Trenton). Rider is a quarter mile on the right.

Public Transportation:
Regular bus service is available from New York City’s Port Authority Terminal to Lawrenceville, with a stop at the Rider campus. Schedules should be checked with Suburban Transit. Greyhound provides bus service to Trenton from Philadelphia and New York. Amtrak and New Jersey Transit trains stop at Trenton.

For a map of the Rider University campus in Lawrenceville, please go to www.rider.edu or see front of this catalog.