

TRANSFER ADVISING GUIDE

Earth Science (A.S.) from Middlesex County College to Environmental Sciences (B.S.) at Rider University

<i>MIDDLESEX COUNTY COLLEGE COURSE</i> <i>A.S., Earth Science</i>	Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i> <i>B.S. Environmental Sciences (120 Credits)</i>	Cr
First Semester			
ENG 121 English Composition I	3	CMP 120 Expository Writing	3
CHM 121 General Chemistry I (3)		CHE 120 Principles of Chemistry I (3)	4
CHM 125 General Chemistry I Lab (1)	4	CHE 121 Principles of Chemistry I Lab (1)	
MAT 129 Pre-Calculus I	4	MTH 105 Algebra & Trigonometry	4
CSC 106 Intermediate PC App. & Programming	3	CIS 185 Information Systems Essentials	3
Physical Education Electives	1/3	NOT TRANSFERRABLE	0
	15/17		14
Second Semester			
ENG 122 English Composition II	3	CMP 125 Research Writing	3
CHM 122 General Chemistry II (3)	4	CHE 122 Intro to Chemical Systems	4
CHM 126 General Chemistry II Lab (1)		CHE 123 Quantitative Methods Lab	
MAT 131 Analytic Geometry & Calculus I	4	MTH 210 Calculus I	4
SCI 155 Introduction to Geology	4	GEO 100 Earth Systems Science (3)	4
		GEO 102 Earth Materials Lab (1)	
	15		15
Third Semester			
Gen. Education <u>Social Science</u> Elective			
Suggest:			
PSY 123 Introduction to Psychology	3	PSY 100 Intro to Psychology (CLAS CORE)	3
OR		OR	
POS 121 Introductory Government & Politics (Rider suggests the course above for transfer)		POL 102 Understanding Politics	
Gen. Education Humanities Elective Suggest: Select 2 language in sequence from (FRE; GER; ITA; SPA)	3	Foreign Language Core [†]	3
SCI 158 Planetary Astronomy	4	PHY 180 Astronomy	3
PHY 123 General Physics I (3)	4	PHY 100 Principles of Physics I (3)	4
PHY 125 General Physics I Lab (1)		PHY 100L Principles of Physics I Lab (1)	
Technical Elective Rider Suggests:		Environmental Elective [†] The following 2 courses would satisfy requirements in the major.	
SCI 210 Environmental Geology (4)		ENV 100 Environmental Science (4)	
OR		OR	
SCI 258 Climatology (3)		ENV 220 Weather & Climate Change (3)	
OR	3/4	OR	3/4
SCI 160 Essentials of Oceanography (4)		MAR 160 Oceanography (3)	
OR		MAR 121 Oceanography Lab (1)	
SCI 164 Historical Geology (4)		OR	
		MAR 210 Marine Life through Time (4)	
	17/18		16/17

Fourth Semester					
Gen Ed. Humanities Elective Suggest: Select 2 language in sequence from (FRE; GER; ITA; SPA) OR Gen. Ed. Social Science Elective Suggest: SOC 121 Introduction to Sociology	3	Foreign Language Core [‡] OR SOC 101 Sociological Imagination ^(CLAS CORE)	3		
SCI 157 Introduction to Meteorology	4	XTR 111 Transfer Credit (Group B Elective)	4		
PHY 124 General Physics II (3) PHY 126 General Physics II Lab (1)	4	PHY 101 Principles of Physics II (3) PHY 101L Principles of Physics II Lab (1)	4		
Technical Elective Rider Suggests: SCI 210 Environmental Geology (4) OR SCI 258 Climatology (3) OR SCI 160 Essentials of Oceanography (4) OR SCI 164 Historical Geology (4)	3/4	Environmental Elective [‡] The following 2 courses would satisfy requirements in the major. ENV 100 Environmental Science (4) OR ENV 220 Weather & Climate Change (3) OR MAR 160 Oceanography (3) MAR 121 Oceanography Lab (1) OR MAR 210 Marine Life through Time (4)			
	14/15		14		
	61/65		60		

Rider Course Option: <u>Please select one course from the following list:</u> ENV-340-Environmental Field Methods & Data Analysis (3) ENV-200-Statistical and Computer Applications in the Natural Sciences. (4) (ENV SCI Core) ENV-205-Introduction to Geographic Information Systems (3) (ENV SCI Core) GEO-350-Soils & Surficial Processes (4) (ENV SCI Core) GEO-407-Hydrology & Water Resources (4) (ENV SCI Core) POL-328-Environmental Politics (3) (Group C: Social Processes) POL-329-Urban Politics (3) (Group C: Social Processes) HIS-299-American Environmental History (3) (Group C: Social Processes)	Following completion of 30 credits and the Rider Intent to Enroll Form and while a student at Middlesex; students have the option to take a <u>free</u> course at Rider that counts toward the Rider degree. The selected course allows the Middlesex student to experience first-hand the academic environment at Rider University. See Middlesex or Rider Transfer Representatives for additional information. Contact information listed below.	3/4
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Rider University Footnotes:

[‡] – Students have a number of options to satisfy this requirement; courses will be evaluated on an individual basis.

For transfer credit the Middlesex student must have a grade of “C” or higher in all courses.

Middlesex students interested in the College of Continuing Studies (CCS) at Rider should contact that division directly.

Transferred courses are 100 level or higher.

Remedial and English as a Second Language (ESL) classes are not transferrable.

Rider suggests that the Middlesex student contact the Rider Sr. Assistant Director of Admission, as early as possible in the transfer process as possible.

From this point the student will be connected to the Environmental Science faculty to further guide course selection in addition to the Transfer Advising Guide.

Requirements are subject to change. This Advising Guide is best used in consultation with an advisor.

COURSES REMAINING FOR A BACHELOR OF SCIENCE DEGREE IN ENVIRONMENTAL SCIENCES AT RIDER UNIVERSITY*

Course Number	Rider University Course Name or Core Area	Credits	Notes* (if course can be taken at Middlesex, indicate course number)
Please see Addendum A for Requirements for the Environmental Science Major. The Bachelor's degree requires 120 credits.			
Rider suggests that the Middlesex student contact the Rider Sr. Assistant Director of Admission, as early as possible in the transfer process. From this point, the student will be connected to the Environmental Science faculty to further guide course selection in addition to the Transfer Advising Guide.			

FOR FURTHER INFORMATION, CONTACT

Elizabeth B. Pajauis
 Transfer Advisor
 Middlesex County College
 732-906-2595
epajauis@middlesexcc.edu

Transfer Admission
 Senior Assistant Director of Transfer Admission
 Rider University
 609.896.5000 X 7159
admissions@rider.edu