

# Environmental Studies, B.S.

## ECOLOGY CONCENTRATION - College of Arts & Sciences

### General Education Curriculum Requirements (minimum 40 credit hours)

#### Writing and Cultural Literacy

Eng 101 College Composition	3
Eng 201 Advanced College Composition	3

#### Multicultural Experience

World or indigenous or American Sign Language course	3
Diversity and global issues course	3

#### Quantitative Decision-making

Mat 101, 131, 201 or higher level math course	3
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#### Physical and Life Sciences

Complete sections A and B

**A. Select two courses** of scientific literacy from the following: Bio, Chy, Env, Ecy, Gey, Phy, Sci. At least one must be a 4-credit lab science course.

Lab science course	4
Lab or non-lab science course	3-4

#### B. Select one of the following:

Hpr 101 Lifelong Wellness, Bio 300 Human Nutrition, or Rec 234 Outdoor Pursuits I	3
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#### Social Sciences

Complete sections A and B

**A. Select any two of the following** historical analysis courses:

Hty 115, Hty 116, Hty 161, Hty 162

**OR - Select** a 100-level history course and a subsequent 300- or 400-level history course for a total of six credits

History course	3
History course	3

**B. Select two of the following** social science courses for a total of six credits: Ant 100, Eco 100, Geo 168, Pos 101, Pos 211, Psy 100, Soc 100

Social Science course	3
Social Science course	3

#### Humanities and Fine Arts

Complete sections A and B

**A. Select one of the following courses** in literary writing, analysis, or philosophy:

Eng 151, Eng 211, Phi 151, Phi 152, Hon 300	3
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**B. Select one of the following courses** in visual or performing arts:

Art 101, Art 102, Art 103, Art 107	3
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#### Important additional GEC requirements

FYS 100 First Year Seminar	1
Writing Intensive Course	3
Technology Intensive Course	3

### SCIENCE PROGRAM CORE – 27 CREDIT HOURS

Bio 112 General Biology I *	4
Bio 113 General Biology II *	4
Chy 121 General Chemistry I	4
Chy 122 General Chemistry II	4
Gey 112 Physical Geology	4
Mat 201 Probability and Statistics I **	3
Mat 121 Pre-Calculus or Mat 131 Calculus I	4

\* Course sequence also meets GEC science requirement  
 \*\* Course also meets GEC mathematics requirement

### ENVIRONMENTAL STUDIES CORE – 28 CREDIT HOURS

Env 110 Intro to Environmental Science OR	
Env 125 Energy	3
Gey 114 OR	
Gey 115 Historical Geology	3
Gey 213 Environmental Geology	3
Env 305 Environmental Chemistry	4
Env 308 GIS I	4
Env 408 GIS II	4
Ecy 355 General Ecology	4
Sci 480 OR	
Bio/Env 489 Science Seminar	3

### ECOLOGY CONCENTRATION – 14 CREDIT HOURS

Choose four (4) of the following courses, including at least two (2) 4-credit courses, for a minimum of 14 credit hours:

Bio 171 Principles of Wildlife Management	3
Bio 310 Ornithology	4
Bio 322 Plant Taxonomy	4
Bio 360 Vertebrate Biology	4
Bio 430 Molds and Mushrooms	4
Bio 445 Invertebrate Zoology	4
Ecy 324 Paleoecology	3
Gey 322 Paleontology	4
Psy 360 Animal Behavior	3

### SELECT GENERAL ELECTIVES AS REQUIRED OR DESIRED

Total credits required for degree:	120
Minimum cumulative GPA for graduation:	2.00
Cumulative GPA in the major and concentration:	2.25