Environmental Studies, B.S.

GEOLOGY & SELF-DESIGNED CONCENTRATIONS - 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 _____

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 _____

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 _____

B. Select one of the following courses in visual or performing arts:

Art 101, Art 102, Art 103, Art 107 .....3 _____

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

Select 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

GEOLOGY CONCENTRATION – 15 CREDIT HOURS

Choose four (4) of the following courses for a minimum of 15 credit hours:

Ecy 324 Paleoecology	3
GEY 212 Marine Geology	3
GEY 322 Paleontology	4
GEY 353 Surficial Geology	4
GEY 354 Bedrock Geology	4

SELF DESIGNED ENVIRONMENTAL STUDIES CONCENTRATION

A plan for a self-designed environmental studies concentration must consist of a minimum of 20 semester credits of University level course work. The plan must be submitted for approval by the student's Academic Advisor to the Science Department Program Committee at least three semesters before the anticipated date of graduation. Once approved, a copy of the Self-Designed concentration will be sent to the Director of Student Records and the course requirements specified in the plan must be satisfactorily completed.

ELECTIVES TO BRING TOTAL EARNED HOURS TO 120

Total credits required for degree: 120
Minimum cumulative GPA for graduation: 2.00
Cumulative GPA in the major and concentration: 2.2