

# Environmental Science, B.S., Environmental Geology Concentration

303-556-3143 Science Building 2028

Catalog 11-12

This sheet applies to the 2011-2012 catalog *only*. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors *must* work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

General Studies	36	
Major courses	36	
Environmental Geology Concentration	48	
<b>Total to graduate (min. 40 hrs upper division)</b>	<b>120 min</b>	

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

## GENERAL STUDIES

### Composition

- \_\_\_ ENG 1010-3 Freshman Comp: the Essay
- \_\_\_ ENG 1020-3 Freshman Comp: Anal., Rsrch & Docum.

### Mathematics

- \_\_\_ MTH 1210-4 Introduction to Statistics

### Communications

- \_\_\_ -3

### Historical

- \_\_\_ -3

### Arts & Letters

- \_\_\_ -3
- \_\_\_ -3

### Social Sciences (see catalog for recommended selections)

- \_\_\_ -3
- \_\_\_ -3

### Natural Sciences

- \_\_\_ CHE 1800-4 General Chemistry I
- \_\_\_ GEL 1010-4 General Geology

### Multicultural Requirement

- (*may be satisfied within General Studies, major, minor or electives*)
- \_\_\_ -3

## MAJOR COURSES

- \_\_\_ BIO 1080-3 General Biology I
- \_\_\_ BIO 1090-1 General Biology I Lab
- \_\_\_ BIO 1081-3 General Biology II
- \_\_\_ BIO 1091-1 General Biology II Lab
- \_\_\_ CET 3320-3 Environmental Impact Statements
- \_\_\_ CHE 1810-4 General Chemistry II
- \_\_\_ CHE 1850-1 General Chemistry Lab
- \_\_\_ ENV 1200-3 Introduction to Environmental Sciences
- \_\_\_ GEG 1220-2 Map Use
- \_\_\_ GIS 2250-3 Introduction to Geographical Information Systems
- \_\_\_ MTH 1110-4 College Algebra
- OR** MTH 1400-4 Precalculus Mathematics
- OR** MTH 1410-4 Calculus I
- \_\_\_ MTH 3240-4 Environmental Statistics
- \_\_\_ ENV 4960-3 Global Environmental Challenges (Senior Experience)

### Environmental Geology Concentration

- \_\_\_ ENV 4000-3 Environmental Geology
- \_\_\_ GEL 1030-4 Historical Geology
- \_\_\_ GEL 3050-4 Mineralogy and Petrology
- \_\_\_ GEL 3060-4 Stratigraphy and Structure
- \_\_\_ GEL 3120-4 Advanced Geomorphology
- \_\_\_ GEL 3150-3 Hydrogeology
- \_\_\_ GEL 3420-4 Soil Resources
- \_\_\_ GEL 3530-2 Advanced Geology of the Colorado Plateau
- \_\_\_ MTH 2410-4 Calculus II
- \_\_\_ PHY 2311-4 General Physics I
- \_\_\_ PHY 2321-1 General Physics I Laboratory
- \_\_\_ PHY 2331-4 General Physics II
- \_\_\_ PHY 2341-1 General Physics II Laboratory

### Internship Requirement:

- \_\_\_ ENV 4950-2-15 Internship in Environmental Science
- OR** GEG 4950-2-15 Internship in Land Use
- OR** GEL 4950-2-15 Internship in Geology

### Senior Experience:

- \_\_\_ ENV 4970-3 Environmental Field Studies