

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

303-556-3143 Science 2028

Catalog 12-13

This sheet applies to the 2012-13 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  
Major courses

36 min  
84

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

Total to graduate (min. 40 hrs upper-division) 120 min

## \*TO BE COMPLETED WITHIN FIRST 30 COLLEGE-LEVEL CREDIT HOURS

### Written Communication

- \_\_\_ ENG 1010 (3 hrs.) Freshman English: The Essay\*  
**or** \_\_\_ ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II\*  
\_\_\_ ENG 1020 (3 hrs.) Freshman English: Anal., Rsrch. & Docum.  
(must be completed within 45 credit hours)

### Quantitative Literacy\*

- \_\_\_ MTH 1210 (4 hrs.) Introduction to Statistics

### Oral Communication\*

- \_\_\_ (3 hrs.)

### Arts and Humanities

- \_\_\_ (3 hrs.)  
\_\_\_ (3 hrs.)

### Historical

- \_\_\_ (3 hrs.)

### Natural and Physical Sciences

- \_\_\_ CHE 1800 (4 hrs.) General Chemistry I  
\_\_\_ GEL 1010 (4 hrs.) Physical Geology

### Social and Behavioral Sciences I

- \_\_\_ (3 hrs.) (See catalog)

### Social and Behavioral Sciences II

- \_\_\_ (3 hrs.) (See catalog)

### Global Diversity

- \_\_\_ (3 hrs.) may be satisfied within General Studies

## MAJOR CORE COURSES (Please see a Faculty Advisor)

Students must receive a C or better in all courses.

- \_\_\_ ENV 1200 (3 hrs.) Introduction to Environmental Science  
\_\_\_ ENV 4960 (3 hrs.) Global Environmental Challenges  
\_\_\_ BIO 1080 (3 hrs.) General Biology I  
\_\_\_ BIO 1090 (1 hrs.) General Biology Laboratory I  
\_\_\_ BIO 1081 (3 hrs.) General Biology II  
\_\_\_ BIO 1091 (1 hrs.) General Biology Laboratory II  
\_\_\_ CHE 1810 (4 hrs.) General Chemistry II  
\_\_\_ CHE 1850 (2 hrs.) General Chemistry Laboratory  
\_\_\_ CET 3320 (3 hrs.) Environmental Impact Statements  
\_\_\_ MTH 3240 (3 hrs.) Environmental Statistics  
\_\_\_ GEG 1220 (2 hrs.) Map Use  
\_\_\_ GIS 2250 (3 hrs.) Introduction to GIS  
\_\_\_ MTH 1110 (4 hrs.) College Algebra  
**OR** MTH 1112 (4 hrs.) College Algebra through Modeling  
**OR** MTH 1400 (4 hrs.) Precalculus Mathematics  
**OR** MTH 1410 (4 hrs.) Calculus I

## ENVIRONMENTAL GEOLOGY CONCENTRATION

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

## Internship

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

## Senior Experience

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

## \_\_\_ Multicultural Requirement