Environmental Science, B.S., Environmental Geology Concentration

303-556-3143 Science 2028
School of Letters, Arts, and Sciences

This sheet applies to the 2013-14 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

<table>
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<tr>
<th>Requirement</th>
<th>Credits</th>
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<td>Total to graduate (min. 40 hrs upper-division)</td>
<td>120 min</td>
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Major courses

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<td>Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.</td>
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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.) Composing Arguments*
- 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
- MTH 2410 (4 hrs) Calculus II
- 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

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

(may be satisfied within General Studies, major, minor or elective)