Environmental Science, B.S., Environmental Geology Concentration
Department of Earth & Atmospheric Sciences, 303-556-3143, Science 2028
College of Letters, Arts, and Sciences

This sheet applies to the 2014-15 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 min

Major courses
- 84

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

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

Written Communication
- ___ ENG 1010 (3 hrs) Composing Arguments*
  or ___ ENG 1008/1009 (6 hrs.) Intro to Composition, Parts 1 & 2*
- ___ ENG 1020 (3 hrs) Freshman Comp: Analysis, Research, & Documt.
  (ENG 1020 must be completed within 45 credit hours)

Oral Communication*
- ___ (3 hrs.)

Quantitative Literacy*
- ___ MTH 1210 (4 hrs.) Introduction to Statistics

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.) should be satisfied within General Studies

___ Multicultural Requirement—should be met in General Studies

MAJOR CORE COURSES (Please see Faculty Advisor in EAS department)

Students must receive a C or better in all courses.

(ENG 1020 must be completed within 45 credit hours)

- ___ 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 I
- ___ 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 (CIS 1010 is a prereq for this)
- ___ MTH 1110† (4 hrs.) College Algebra
- ___ MTH 1120  (3 hrs) College Trigonometry

OR

- ___ MTH 1400 (4 hrs.) Precalculus Mathematics
- ___ MTH 1410 (4 hrs.) Calculus I

†do not take MTH1112 for this concentration since Calculus is required

ENVIRONMENTAL GEOLOGY CONCENTRATION

- ___ GEL 1030 (4 hrs) Historical Geology
- ___ GEL 3050 (4 hrs) Introduction to Mineralogy and Optical Mineralogy
- ___ GEL 3060 (4 hrs) Stratigraphy and Structure
- ___ GEL 3120 (4 hrs) Geomorphology
- ___ GEL 3150 (3 hrs) Hydrogeology
- ___ GEL 3420 (4 hrs) Soil Resources
- ___ GEL 3530 (2 hrs) Advanced Geology of the Colorado Plateau : Variable Topics
- ___ ENV 4000 (3 hrs) Environmental Geology
- ___ MTH 2410 (4 hrs) Calculus II
- ___ PHY 2311 (4 hrs) General Physics I
- ___ PHY 2321 (1 hrs) General Physics I Laboratory
- ___ PHY 2331 (4 hrs) General Physics II
- ___ PHY 2341 (1hrs) General Physics II Laboratory

Internship (Minimum 3 hours internship required)

- ___ ENV 4950 - Internship in Environmental Science
- ___ GEG 4950 - Internship in Land Use
- ___ GEL 4950 - Internship in Geology

Senior Experience
- ___ ENV 4970 (3 hrs) Environmental Field Studies
Multicultural Requirement
(may be satisfied within General Studies, major, minor or electives)

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ELECTIVES