Environmental Science, B.S., Multidisciplinary 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 80
Electives 4
Total to graduate (min. 40 hrs upper-division) 120 min

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

*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 satisfied within General Studies or elective

MAJOR CORE COURSES (Please see Faculty Advisor in EAS dept.)

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 (CIS 1010 is a prereq for this)
MTH 1110 (4 hrs.) College Algebra
OR MTH 1112 (4 hrs.) College Algebra through Modeling
MTH 1400 (4 hrs.) Precalculus Mathematics
OR MTH 1410 (4 hrs.) Calculus I

CONCENTRATION

Additional Required Courses

CHE 3100 (4 hrs.) Organic Chemistry I
MTR 1400 (3 hrs.) Weather and Climate
MTR 2020 (1 hr.) Weather and Climate Lab for Scientists

Internship

ENV 4950 (variable hrs) Internship in Environmental Science

Senior Experience

ENV 4970 - Environmental Field Studies
OR BIO 4510 - Microbial Ecology
OR CHE 4950 - Senior Experience in Chemistry

Students are required to select courses in Biology (8 hrs), Chemistry (3 hrs), Env Science (9 hrs), Geographic Information Systems (3 hrs), Geology (4 hrs), Social Sciences (3 hrs), and electives from approved catalog list in consultation with an ENV advisor in EAS dept.

ELECTIVES