

Environmental Science, B.S., Water Mgt. and Hydrologic Science Conc.

303-556-3143 Science 2028

School of Letters, Arts, and Sciences

Catalog 13-14

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
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 MAJOR CORE COURSES (Please see a Faculty Advisor)

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

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

Additional Required Courses

- ___ ENV 2100 - Basic Water Sampling and Analysis
- ___ ENV 3400 - Water Resources
- ___ ENV 4410 - Water Law
- ___ ENV 4440 - Limnology
- ___ ENV 4450 - Stream Ecology
- ___ ENV 4460 - Advanced Water Quality Analysis
- ___ GEL 3150 - Hydrogeology
- ___ GEL 4150 - Hydrology

Electives

Environmental Science, Biology, or WQM (Red Rocks Community College Courses) - Select 15 hrs of approved courses (see catalog)
Social Sciences - Select 3 hrs of approved courses (see catalog)

Internship

- ___ ENV 4950 (3 hrs.) Internship in Environmental Science

Senior Experience Graduation Requirement

- ___ ENV 4970 - Environmental Field Studies
- OR** CHE 4950 - Senior Experience in Chemistry

Multicultural Requirement

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