

Environmental Science, B.S., Water Quality Concentration

303-556-3143 Science Building 2028

Catalog 10-11

This sheet applies to the 2010-2011 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
Major courses	36
Water Quality concentration w/OSHA	28
Water Quality electives	10
Community College courses	14
Total to graduate (min. 40 hrs upper division)	124 min

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

GENERAL STUDIES

Composition

- ___ ENG 1010-3 Freshman Comp: the Essay
- ___ ENG 1020-3 Freshman Comp: Anal., Rsrch & Docum.

Mathematics

- ___ MTH 1210-4 Introduction to Statistics

Communications

- ___ -3

Historical

- ___ -3

Arts & Letters

- ___ -3
- ___ -3

Social Sciences (see catalog for recommended selections)

- ___ -3
- ___ -3

Natural Sciences

- ___ CHE 1800-4 General Chemistry I
- ___ GEL 1010-4 General Geology

Multicultural Requirement

- (*may be satisfied within General Studies, major, minor or electives*)
- ___ -3

MAJOR COURSES

- ___ BIO 1080-3 General Biology I
- ___ BIO 1090-1 General Biology I Lab
- ___ BIO 1081-3 General Biology II
- ___ BIO 1091-1 General Biology II Lab
- ___ CET 3320-3 Environmental Impact Statements
- ___ CHE 1810-4 General Chemistry II
- ___ CHE 1850-1 General Chemistry Lab
- ___ ENV 1200-3 Introduction to Environmental Sciences
- ___ GEG 1220-2 Map Use
- ___ GIS 2250-3 Introduction to Geographical Information Systems
- ___ MTH 1110-4 College Algebra
- OR** MTH 1400-4 Precalculus Mathematics
- OR** MTH 1410-4 Calculus I
- ___ MTH 3240-4 Environmental Statistics
- ___ ENV 4960-3 Global Environmental Challenges

Water Quality Courses:

- ___ OSHA- Environmental Health & Safety (OSHA 40-hour course)
- ___ Red Rocks courses – 14: WQM 100, WQM 119, WQM 121, & WQM 216

Select 9 hours from the following in consultation with a faculty advisor:

- ENV 3400 ENV 3730 ENV 4200 ENV 4500 MTR 3100
- ENV 3700 ENV 3740 ENV 4410 ENV 4980 WQM 105
- ENV 3710 ENV 4000 ENV 4420 ENV 4990 WQM 200
- ENV 3720 ENV 4010 ENV 4430 MTR 2400

Social Sciences -3 (see catalog for selections)

Internship Requirement:

- ___ ENV 4950 - 3 Internship in Environmental Science

Senior Experience:

- ___ ENV 4970 -3 Environmental Field Studies
- or** CHE 4950 –3 Senior Experience in Chemistry