

Environmental Science, B.S., Water Quality Concentration

303-556-3143 Science 231

This sheet applies to the 2009-2010 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 standing (60 hrs) should CAPP (graduation comp) 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

- 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 (Senior Seminar)

Water Quality Courses:

- CHE 1810-4 General Chemistry II
- CHE 1850-2 General Chemistry Lab
- CHE 3050-3 Environmental Chemistry
- CHE 3100-4 Organic Chemistry I
- CHE 3120-2 Organic Chemistry I Lab
- GEL 3150-3 Hydrogeology
- GEL 4150-3 Hydrology
- MTR 2400-4 Introduction to Atmospheric Science
- OSHA-3 Environmental Health & Safety (OSHA 40-hour course)
- Red Rocks courses – 14: WQM 100, WQM 119, WQM 120

Select 10 hours from the following in consultation with a faculty advisor.

- BIO 2400-5 General Microbiology
- BIO 3550-4 Urban Ecology
- BIO 4510-4 Microbial Ecology
- CET 3330-3 Environmental Technology Processes
- ENV 3400-3 Water Resources
- GEL 3420-4 Soil Resources
- MTR 3100-3 Air Pollution