

# Environmental Science, B.S., Ecological Restoration Concentration

Department of Earth & Atmospheric Sciences, 303-556-3143, Science 2028

College of Letters, Arts, and Sciences

Catalog 14-15

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

Students who have reached junior standing (60 hrs) should request a

Major courses

83-85

CAPP (graduation compliance report) and review it with a faculty advisor.

Electives

0-1

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

120 min

## \*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 in General Studies**

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

\_\_\_ 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

OR MTH 1400 (4 hrs.) Precalculus Mathematics

OR MTH 1410 (4 hrs.) Calculus I

## ECOLOGICAL RESTORATION CONCENTRATION

**See Catalog for approved courses:** Students are required to select courses in Biology, Geology, Environmental Science, and elective courses in consultation with an environmental science advisor in EAS department (Biology (22 hrs); Geology (4 hrs); Environmental Science (9 hrs); Social Sciences (3 hrs)

### Internship (3 hrs)

### Senior Experience Graduation Requirement

\_\_\_ ENV 4970 (3 hrs) Environmental Field Studies

OR BIO 4540 (4 hrs) Plant Ecology

## ELECTIVES