Environmental Science, B.S., Ecological Restoration 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.

<table>
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<tr>
<th>General Studies</th>
<th>36</th>
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<tbody>
<tr>
<td>Major courses (w/out computer course)</td>
<td>36</td>
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<tr>
<td>Ecological Restoration concentration</td>
<td>21</td>
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<tr>
<td>Ecological Restoration electives</td>
<td>25</td>
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<tr>
<td><strong>Total to graduate (min. 40 hrs upper division)</strong></td>
<td><strong>120 min</strong></td>
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</table>

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**
- -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 1850-2 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 Experience)

Ecological Restoration Courses:
- ECO 3450-3 Environmental Economics
- ENV 3540-2 Advanced Geologic & Environ. Hazards-Denver & Vicinity
- ENV 4000-3 Environmental Geology
- ENV 4010-3 Environmental Hazards & Planning
- ENV 49XX-3 Environmental Seminar (advisor approved)
- GEL 3420-4 Soil Resources
- PSC 3230-3 Environmental Politics

Major Electives - Select at least 25 hours from the following in consultation with a faculty advisor:
- BIO 2100-5 General Botany
- BIO 2400-5 General Microbiology
- BIO 3140-5 Plant Physiology
- BIO 3180-4 Vascular Plant Taxonomy
- BIO 3260-4 Invertebrate Zoology
- or BIO 3260-4 Vertebrate Zoology
- BIO 3360-4 Animal Physiology
- BIO 3550-4 Urban Ecology
- BIO 4510-4 Microbial Ecology
- BIO 4540-4 Plant Ecology
- or GEG/GEL-2-3 Topics courses (see department)