

# Land Use, B.S., Geology Concentration

303-556-3143 Science 231

Catalog 09-10

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	33 min
Major courses	65
Electives	22
<b>Total to graduate (min. 40 hrs upper division)</b>	<b>120 min</b>

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

- \_\_\_ ENG1010-3 Freshman Comp: the Essay
- \_\_\_ ENG1020-3 Freshman Comp: Anal., Rsrch & Docum.

### Mathematics

- \_\_\_ -3

### Communications

- \_\_\_ -3

### Historical

- \_\_\_ -3

### Arts & Letters

- \_\_\_ -3
- \_\_\_ -3

### Social Sciences (see faculty advisor)

- \_\_\_ -3
- \_\_\_ -3

### Natural Sciences (see faculty advisor)

- \_\_\_ -3
- \_\_\_ -3

### Multicultural Requirement

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

- \_\_\_ -3

## ELECTIVES

## REQUIRED CORE

- \_\_\_ GEG 1220-2 Map Use
- \_\_\_ GEG 1610-1 Introduction to Planning
- \_\_\_ GEG 4950-2 Internship in Land Use
- or** GEL 4950-2 Internship in Geology
- \_\_\_ GEL 1010-4 Physical Geology
- \_\_\_ GIS 2250-3 Introduction to Geographic Information Systems
- \_\_\_ MTH 1210-4 Introduction to Statistics

## MAJOR COURSES

- \_\_\_ ENV 4000-3 Environmental Geology
- \_\_\_ ENV 4010-3 Environmental Hazards and GIS
- \_\_\_ ENV 4970-3 Environmental Field Studies (Sr. Experience)
- \_\_\_ GEL 1030-4 Historical Geology
- \_\_\_ GEL 3050-4 Mineralogy & Petrology
- \_\_\_ GEL 3060-4 Stratigraphy and Structure
- \_\_\_ GEL 3120-4 Advanced Geomorphology
- \_\_\_ GEL 3150-3 Hydrogeology
- \_\_\_ GEL 3420-4 Soil Resources
- \_\_\_ GEL 3440-4 Energy and Mineral Resources
- \_\_\_ GEL 4150-3 Hydrology
- \_\_\_ GIS 4860-3 Applications of ARC/INFO to Natural Resources Mgt

ELECTIVES - Select a minimum of 7 hrs in consultation with a faculty advisor:

- \_\_\_ ENV 1400-3    \_\_\_ GEL 3510-1    \_\_\_ GIS 1710-2
- \_\_\_ ENV 3400-3    \_\_\_ GEL 3520-2    \_\_\_ GIS 4850-3 (recommended)
- \_\_\_ ENV 3540-2    \_\_\_ GEL 3530-2
- \_\_\_ GEL 1020-3    \_\_\_ GEL 3550-2
- \_\_\_ GEL 1150-3