

Land Use, B.S., Geology Concentration

303-556-3143 Science 2028

School of Letters, Arts, and Sciences

Catalog 13-14

This sheet applies to the 2013-14 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
Total to graduate (min. 40 hrs upper-division)	120 min

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

*TO BE COMPLETED WITHIN FIRST 30 COLLEGE-LEVEL CREDIT HOURS

Written Communication

- ___ ENG 1010 (3 hrs.) Composing Arguments*
or ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II*
___ ENG 1020 (3 hrs.) Freshman English: Anal., Rsrch. & Docum.
(must be completed within 45 credit hours)

Quantitative Literacy*

___ (3 hrs.)

Oral Communication*

___ (3 hrs.)

Arts and Humanities

___ (3 hrs.)

___ (3 hrs.)

Historical

___ (3 hrs.)

Natural and Physical Sciences

___ (3 hrs.)

___ (3 hrs.)

Social and Behavioral Sciences I

___ (3 hrs.)

Social and Behavioral Sciences II

___ (3 hrs.)

Global Diversity

___ (3 hrs.) may be satisfied within General Studies

MAJOR CORE COURSES (Please see a Faculty Advisor)

Students must receive a C or better in all courses.

- ___ GEG 1220 (2 hrs) Map Use
___ GEG 1610 (1 hr) Introduction to Planning
___ GEL 1010 (4 hrs) Physical Geology
OR GEG 1100 (3 hrs) Introduction to Physical Geography
___ GEG 4950 (2-15 hrs) Internship in Land Use
OR GEL 4950 (2-15 hrs) Internship in Geology
OR ENV 4950 (2-15 hrs) Internship in Environmental Science
___ GIS 2250 (3 hrs) Introduction to GIS
___ MTH 1210 (4 hrs) Introduction to Statistics

Geology Concentration:

- ___ ENV 4000 (3 hrs) Environmental Geology
___ ENV 4010 (3 hrs) Environmental Hazards and GIS
___ ENV 4970 (3 hrs) Environmental Field Studies
___ GEL 1030 (4 hrs) Historical Geology
___ GEL 3050 (4 hrs) Mineralogy and Petrology
___ GEL 3060 (4 hrs) Stratigraphy and Structure
___ GEL 3120 (4 hrs) Advanced Geomorphology
___ GEL 3150 (3 hrs) Hydrogeology
___ GEL 3420 (4 hrs) Soil Resources
___ GEL 3440 (4 hrs) Energy and Mineral Resources
___ GEL 4150 (3 hrs) Hydrology
___ GIS 4860 (4 hrs) GIS Applications

Major Electives (See Catalog for approved courses. Select a minimum of 7 crh in consultation with faculty advisor).

Multicultural Requirement

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

ELECTIVES 22