Land Use, B.S., Geology Concentration
303-556-3143 Science 2028
School of Letters, Arts, and Sciences

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.

<table>
<thead>
<tr>
<th>Category</th>
<th>Hours</th>
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<tbody>
<tr>
<td>General Studies</td>
<td>33 min</td>
</tr>
<tr>
<td>Major courses</td>
<td>65</td>
</tr>
<tr>
<td>Electives</td>
<td>22</td>
</tr>
<tr>
<td>Total to graduate (min. 40 hrs upper-division)</td>
<td>120 min</td>
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</tbody>
</table>

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
- 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

**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**