Geography Major – Bachelor of Arts (B.A.) Degree (45 quarter hours)

1. Geography required courses (28 quarter hours)
GEOG 1410 People, Places, and Landscapes 4 qtr hrs Fall, Winter, Spring

One of the following 3-course sequences:
GEOG 1201, 1202, 1203 Environmental Systems 12 qtr hrs Fall, Winter, Spring
GEOG 1216, 1217, 1218 Our Dynamic Earth 12 qtr hrs Fall, Winter, Spring
GEOG 1264, 1265, 1266 Global Environmental Change 12 qtr hrs Fall, Winter, Spring
GEOG 2020 Cartography 4 qtr hrs Twice a year
GEOG 2100 Introduction to GIS 4 qtr hrs Twice a year
GEOG 2000 Geographical Statistics 4 qtr hrs Twice a year

*GEOG 2990: Professional Development for Geography & Environmental Science

Independent Study or Independent Research will be counted towards the minimum hours required in the major. Students majoring in Geography may not also major in Environmental Science.

2. Geography Electives (17+ quarter hours) A minimum of 17-quarter hours (2000 or 3000 level) of elective courses must be taken from the following list of courses, and must include one physical (P), one human (H), and one GIScience (G) course.

- GEOG 2030 H/P Field Methods*
- GEOG 2320 H Andean Landscapes
- GEOG 2401 H The Human Population #
- GEOG 2410 H Economic Geography *
- GEOG 2420 H Geography of Tourism *
- GEOG 2430 H World Cities +
- GEOG 2500 H/P Sustainability and Human Society #
- GEOG 2511 H/P Principles of Sustainability - Honors
- GEOG 2550 H Current Issues in Sustainability #
- GEOG 2608 H/P Human Dimensions of Global Change
- GEOG 2700 H/P Contemporary Environmental Issues #
- GEOG 2750 P Paleoenvironmental Field Methods #
- GEOG 2810 H/P Geography of Latin America *
- GEOG 2830 H/P Geography of Europe
- GEOG 2880 H/P Geographies of South Africa
- GEOG 2990 Pro Dev Geo & Envi Sci
- GEOG 2992 Directed Study
- GEOG 3000 G Advanced Geographic Statistics #
- GEOG 3010 G Geographic Information Analysis #
- GEOG 3040 G GPS for Resource Mapping
- GEOG 3100 G Geospatial Data *
- GEOG 3110 G GIS Modeling +
- GEOG 3120 G Environmental/GIS Modeling
- GEOG 3130 G GIS Programming with Python#
- GEOG 3140 G GIS Database Design #
- GEOG 3150 G GIS Project Management
- GEOG 3160 G Web GIS
- GEOG 3170 G Geospatial Analysis Project
- GEOG 3200 G Remote Sensing
- GEOG 3230 G Advanced Remote Sensing *
- GEOG 3300 H Cultural Geography +
- GEOG 3310 H/P Culture/Nature/Econ-Human Ecology #
- GEOG 3330 H Political Geography
- GEOG 3340 H/P Geographies of Migration +
- GEOG 3350 H Qualitative Methods in Geography *
- GEOG 3400 H Urban Landscapes #
- GEOG 3410 H/G Urban Applications of GIS *
- GEOG 3420 H Urban & Regional Planning #
- GEOG 3425 H Urban Sustainability *

ENVI and GEOL courses
ENVI 2660 P Natural History – Sonora & Baja #
ENVI 3000 H/P Environmental Law #
ENVI 3550 H/P Environmental Issues – Colorado +
GEOL 1010 P Physical Geology
GEOL 1992 P Directed Study
GEOL 2020 P Historical Geology *
GEOL 2380 P Rocks and Minerals
GEOL 2400 P Geology & Ecology SW #
GEOL 2800 P Geology of National Parks +

# = offered every year * = offered every other year + = offered occasionally

Notes: Other Geography courses not listed here may count towards elective credits. Grades must be C- or above. No more than 5 quarter hours taken as Independent Study or Independent Research will be counted towards the minimum hours required in the major. Students majoring in Geography may not also major in Environmental Science.
### 3. University Common Curriculum (48 quarter hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Quarter offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Seminar</td>
<td>4 qtr hrs</td>
<td>Fall</td>
</tr>
<tr>
<td>First Year Writing and Rhetoric</td>
<td>8 qtr hrs</td>
<td>Winter, Spring</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>12 qtr hrs</td>
<td>Fall, Winter, Spring</td>
</tr>
<tr>
<td>Analytical Inquiry-Natural/Physical World</td>
<td>4 qtr hrs</td>
<td>Variable</td>
</tr>
<tr>
<td>Analytical Inquiry-Society and Culture</td>
<td>8 qtr hrs</td>
<td>Variable</td>
</tr>
<tr>
<td>Scientific Inquiry-Society and Culture</td>
<td>8 qtr hrs</td>
<td>Variable</td>
</tr>
<tr>
<td>Advanced Seminar</td>
<td>4 qtr hrs</td>
<td>Variable</td>
</tr>
</tbody>
</table>

### 4. Minor (20+ quarter hours)

You are required to also have a minor degree from any area of concentration at the university (this requirement is waived if you have a double major). As a GEOG major, you cannot minor in GISc. Courses taken for minors, such as Sustainability or Environmental Science, cannot double count towards your GEOG major.

### 5. Minimum quarter hours required for a Univ. of Denver BA is 183; 75 hours must be upper-level (2000 or 3000).

Any credits beyond 60 credit hours within the same department will not apply towards graduation.

Revised: November 2020