

GEOGRAPHY

Undergrad

GEOG Major Requirements for Students Who Declared Fall 2016 or later

Required Courses

Students must complete the general requirements of the College of Arts and Sciences and the required courses below. In addition to a standard degree in Geography, the Department offers transcribed concentrations in Geographic Information Science, Human Geography, Environment-Society Geography, and Physical Geography. Coursework required for each concentration is listed below. Students must complete at least 37 and no more than 45 credit hours in Geography with grades of C- or better (23 hours must be upper division). No **pass/fail** grades are allowed in the major. Transfer students majoring in Geography must complete at least 12 hours of upper-division Geography courses at CU-Boulder. No course may be used to fulfill more than one requirement for the major. All courses marked with an * can be used to meet College of Arts and Sciences core curriculum requirements.

Required Courses and Semester Credit Hours (all concentrations)

- GEOG 1001* Environmental Systems I: Climate and Vegetation - 4
- GEOG 1011* Environmental Systems II: Landscapes and Water - 4
- One of the following human geography courses:
 - GEOG 1962 Geographies of Global Change - 3
 - GEOG 1972 Environment-Society Geography - 3
 - GEOG 1982 World Regional Geography - 3
 - GEOG 1992 Human Geography - 3
- GEOG 3023 Statistics for Geography - 4
- One of the following mapping courses:
 - GEOG 2053 Mapping a Changing World - 4
 - GEOG 3053 Cartography I: Visualization and Information Design - 4
- One of the following methods courses:
 - GEOG 4023 Introduction to Quantitative Methods in Geography (prereq GEOG 3023) - 4
 - GEOG 4043 Cartography II: Interactive and Multi-media Mapping (prereq GEOG 3053) - 4
 - o GEOG 4093 Remote Sensing of the Environment - 4

- GEOG 4103 Introduction to Geographic Information Science (prereqs: GEOG 3053; GEOG 3023 or equivalent introductory statistics course) - 4
 - GEOG 4173 Research Seminar - 3
 - GEOG 4722 Field Methods in Human Geography - 3
- Take one of the following:
 - GEOG 3351 Biogeography - 3
 - GEOG 3402 Natural Hazards - 3
 - GEOG 3422 Political Ecology - 3
 - GEOG 3511 Introduction to Hydrology - 4
 - GEOG 3601 Principles of Climate - 3
 - GEOG 3672* Gender and the Global Economy - 3
 - GEOG 3682 Geography of International Development - 3
 - GEOG 3692 Introduction to Global Public Health - 3
 - GEOG 3742 Place, Power, and Contemporary Culture - 3
- Take upper and lower division electives within Geography to reach 37 total credits and 23 upper division credits in the major.

* *core curriculum course*