GEOLOGY - MINOR

The minor program in geological sciences is meant for students who would like to acquire a basic knowledge of geology in addition to their major area of study.

For more information, please visit the Geological Sciences website (https://www.colorado.edu/geologicalsciences/academic/undergraduate/minor-requirements).

Requirements

The College of Arts and Sciences' requirements for a minor include a minimum of 18 credit hours in the minor area, including a minimum of 9 upper-division credit hours.

All coursework applied to the minor must be completed with a grade of C- or better; no pass/fail work may be applied. The grade point average for all minor degree coursework must be equal to 2.000 (C) or higher. Students are allowed to apply no more than 9 credit hours, including 6 upper-division credit hours, of transfer work toward a minor.

The departmental requirements for the minor are listed below. The department strongly urges students interested in pursuing a minor in geology to consult a departmental advisor.

Required Courses and Credits

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<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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Introductory Courses

Lectures

Select two of the following 1000-level introductory courses: 6

- GEOL 1010 Exploring Earth ¹
- or GEOL 101 Exploring Earth for Scientists
- GEOL 1020 Dodos, Dinos, and Deinococcus: The History of a Habitable Planet ²
- or GEOL 1040 Geology of Colorado
- GEOL 1060 Global Change: An Earth Science Perspective
- GEOL 1150 Water, Energy and Environment: An Introduction to Earth Resources
- GEOL 1170 Our Deadly Planet
- GEOL 1180 Our Microbial Planet

Introductory Laboratory Course

GEOL 1030 Introduction to Geology Laboratory 1 1

Laboratory or Field-Oriented Course

Select at least one of the following laboratory or field-oriented courses: 2-4

- GEOL 2001 Planet Earth
- GEOL 2700 Introduction to Field Geology
- GEOL 3010 Introduction to Mineralogy
- GEOL 3023 Statistics and Geographic Data
- GEOL 3120 Structural Geology
- GEOL 3330 Principles of Geophysics
- GEOL 3410 Paleobiology
- GEOL 3430 Sedimentology and Stratigraphy
- GEOL 4060 Oceanography

GEOLOGY Electives

Additional geology coursework to bring the total upper-division credit hours to 9 and total credit hours in geology to 18.

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- GEOL 4093 Remote Sensing of the Environment
- GEOL 4241 Principles of Geomorphology

Total Credit Hours 18

¹ Students cannot take GEOL 1010 and GEOL 1012 as these two courses are considered similar to each other and the student will lose credit for one of the courses.

² Students cannot take GEOL 1020 and GEOL 1040 as these two courses are considered similar to each other and the student will lose credit for one of the courses.