

GEOLOGY - MINOR

The minor program in geological sciences is meant for students who would like to acquire a basic knowledge of earth science 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

Code	Title	Credit Hours
Introductory Courses		
<i>Lectures</i>		
Select two of the following 1000-level introductory courses:		6
GEOL 1010 or GEOL 1012	Exploring Earth ¹ Exploring Earth for Scientists	
GEOL 1020 or GEOL 1040	Dodos, Dinos, and Deinococcus: The History of a Habitable Planet ² 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	
<i>Introductory Laboratory Course</i>		
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	

GEOL 4093 Remote Sensing of the Environment

GEOL 4241 Earth Surface Processes

Geology Electives

Additional geology coursework to bring the total upper-division credit hours to 9 and total credit hours in geology to 18. 7-9

Total Credit Hours 18

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