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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GEOL 1010</td>
<td>Exploring Earth ¹</td>
<td>1</td>
</tr>
<tr>
<td>or GEOL 1012 Exploring Earth for Scientists</td>
<td></td>
<td></td>
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<tr>
<td>GEOL 1020</td>
<td>Dodos, Dinos, and Deinococcus: The History of a Habitable Planet ²</td>
<td>2</td>
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<tr>
<td>or GEOL 1040 Geology of Colorado</td>
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<tr>
<td>GEOL 1060</td>
<td>Global Change: An Earth Science Perspective</td>
<td></td>
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<tr>
<td>GEOL 1150</td>
<td>Water, Energy and Environment: An Introduction to Earth Resources</td>
<td></td>
</tr>
<tr>
<td>GEOL 1170</td>
<td>Our Deadly Planet</td>
<td></td>
</tr>
<tr>
<td>GEOL 1180</td>
<td>Our Microbial Planet</td>
<td></td>
</tr>
</tbody>
</table>

**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

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

**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.