Minor in Geology (25-26 credit hours)

1000-level course requirement (7 credit hours). Must achieve at least a C- in each course.
GEOL1001C: Geology and Paleontology (fall semester) and GEOL1003L: Physical Geology Laboratory (spring semester)
or
GEOL1002C: Earth Surface Processes and Environmental Issues (spring semester) and GEOL1003L: Physical Geology Laboratory (spring semester)
and
One additional 1000-level GEOL course

2000-level course requirement (4 courses; 12 credit hours). Must achieve at least a C- in each course.
GEOL2005C: Geomorphology (fall)
GEOL2008C: Mineralogy (fall)
GEOL2004C: Sedimentary Geology and Earth History (spring)
GEOL2012: The Earth System (spring)

3000/4000-level requirement (6-7 credit hours)
The student must select one geology 4000-level lecture, lecture/lab, or field-based course. The second course may be a lecture, lecture/lab, seminar, or discussion course at the 4000-level, or one 3000-level course.

Examples of 3000- and 4000-level courses offered:
GEOL3000C: Geology and Paleontology
GEOL3002: Geochemistry
GEOL3003C: Petrology
GEOL3004C: Structural Geology
GEOL3005C: Fundamentals of Groundwater
GEOL3006: Climate Through Time
GEOL4001C: Invertebrate Paleontology
GEOL4004: Glacial Geology
GEOL4012C: Modeling Landscapes
GEOL4018C: Stratigraphy and Facies Models
GEOL4019: Quaternary Seminar
GEOL4023: Ocean Margins/Bahamas Field Trip
GEOL4024: Groundwater Modeling
GEOL4029: Stable Isotope Ecology
GEOL4033C: Earth History Field Trip
GEOL4036: Holocene Environmental and Cultural History
GEOL4037: Earth’s Early Biosphere
GEOL4038: Analytical Methods and Scripting R
GEOL4050C: Teaching Geosciences
GEOL4051C: Applied Geophysics
GEOL4053C & 4054C: Optical Mineralogy & Thin Section Petrography
GEOL4056C: Ecology and Paleoecology of the Canary Islands

View the full course listings at https://www.artsci.uc.edu/departments/geology/courses.html
# Example timetable for the Geology Minor

<table>
<thead>
<tr>
<th>Term</th>
<th>1000-level (refer to details above)</th>
<th>2000-level (4 courses required)</th>
<th>Upper-level * (2 courses required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>Choose one course from the following: GEOL1003 (fall semester) or GEOL1001C (fall semester) or GEOL1004 (spring semester) or GEOL1002C (spring semester) and Choose an additional intro GEOL course fall or spring semester.</td>
<td>GEOL2008C <strong>Mineralogy</strong>&lt;br&gt;Requires completion of the introductory requirement. GEOL2005C <strong>Geomorphology</strong>&lt;br&gt;Requires completion of the introductory requirement.</td>
<td>Choose one field- or experience-based course at the 4000-level from the list above and choose an additional GEOL 3000- or 4000-level course.</td>
</tr>
<tr>
<td>Spring</td>
<td>GEOL2004C <strong>Sedimentary Geology and Earth History</strong>&lt;br&gt;Requires completion of the introductory requirement. GEOL2012 <strong>The Earth System</strong>&lt;br&gt;Requires completion of the introductory requirement.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Some 4000-level courses may have 3000-level prerequisites, or require instructor approval to enroll.*