

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

Term	1000-level (refer to details above)	2000-level (4 courses required)	Upper-level * (2 courses required)
Fall	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.	GEOL2008C Mineralogy <i>Requires completion of the introductory requirement.</i>	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.
Spring		GEOL2004C Sedimentary Geology and Earth History <i>Requires completion of the introductory requirement.</i>	
		GEOL2012 The Earth System <i>Requires completion of the introductory requirement.</i>	

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