

Minor in Geology

Total credit hours = 22-23
Program duration = 2 years

1000-level Geology Courses (3 courses; 7 credit hours):

GEOL1001C: Geology and Paleontology (fall)

GEOL1002C: Earth Surface Process and Environmental Issues (spring)

GEOL1003L: Physical Geology Laboratory (spring)

Other introductory courses may be used to fulfill this requirement upon approval by the Academic Director

2000-level Geology Courses (choose two courses; 6 credit hours):

GEOL2005C: Geomorphology (fall)

GEOL2008C: Mineralogy (fall)

GEOL2004C: Sedimentology, Stratigraphy & Earth History (spring)

GEOL2012: The Earth System (spring)

A minimum grade of C- is required for a GEOL course to count toward the minor.

3000/4000-level Geology Courses (choose three courses; 9-10 credit hours)

Examples of 3000- and 4000-level courses offered:

GEOL3000C: Geology and Paleontology

GEOL3002: Geochemistry

GEOL3003C: Petrology

GEOL3004C: Structural Geology

GEOL3005C: Fundamentals of Groundwater

GEOL4011C: Quaternary Geology

GEOL4012C: Modeling Landscapes

GEOL4018C: Stratigraphy and Facies Models

GEOL4023: Ocean Margins/Bahamas Field Trip

GEOL4024: Groundwater Modeling

GEOL4029: Stable Isotope Ecology

GEOL4037: Earth's Early Biosphere

GEOL4038: Analytical methods & Scripting R

GEOL4044: Basin Dynamics

GEOL4048C: Zooarchaeology

GEOL4049C: Raman Spectroscopy for the Geosciences

GEOL4051C: Applied Geophysics

GEOL4053C-GEOL4054C: Optical Mineralogy & Thin Section Petrography

GEOL4058: Geomechanics

GEOL4059: Exploring Mars

Some courses require prerequisites. It is important to have advising meetings with the Academic Director, Krista Smilek to establish a degree plan and check on degree progress.

View the full course listings at <https://www.artsci.uc.edu/departments/geology/courses.html>