

EARTH SCIENCE

The earth science minor is designed for students who would like to gain significant experience in the geological sciences. This minor is suitable for students from every division on campus, including humanities, social sciences, arts, business and policy studies. For instance, an English major might go on to become a technical writer or editor; an art major might be interested in clay and glaze mineralogy or gemology; social scientists may wish to study GIS and mapping techniques; and pre-law students could go on to study environmental law.

Majors in the other sciences, including physics, chemistry and biology, could all find the skills learned in the minor useful to their future careers. The most important and rapidly growing fields of science are those that are appearing at the intersections of scientific disciplines.

The minor in earth science is not available to geology and earth sciences majors.

Minor Requirements

The minor requires a minimum of 16 credit hours (four courses).

Code	Title	Credits
GEOL 121	Geology and the Environment	4
or GEOL 141	Oceanography	
Select two of the following:		8
GEOL 122	Historical Geology	
GEOL 223	Hydrology	
GEOL 242	Natural Science Seminars. (variable credits)	
GEOL 311	Optical Mineralogy	
GEOL 312	Petrology	
GEOL 340	Images of the Earth: GIS and Remote Sensing	
GEOL 415	Paleontology	
GEOL 450	Special Topics	
Select one of the following:		4
GEOL 335	Structural Geology	
GEOL 416	Sedimentology and Stratigraphy	
IDS 472	Environmental Planning	
Other advanced geology or geology-related IDS courses may also be approved		
Total Credits		16

Total credit hours required for earth science minor is 16 credits

The minor's entry point is GEOL 121 Geology and the Environment or GEOL 141 Oceanography. Then students may select from a number of geology lab courses and finally take a specially designated capstone course.