

Geosciences Minor

The Geosciences Minor provides a selection of courses that will establish an understanding of the Earth's history, evolution, and properties. The courses in this minor emphasize the chemical, physical, and biological processes that shape the Earth system. Students completing this minor will gain knowledge in the methods geologists use to characterize geological processes, such as identifying rocks, minerals, and fossils. They will also examine the role of geological processes on geological hazards (e.g. volcanos, tsunamis) and water and energy resources. The opportunity to gain skills analyzing data from laboratory and field settings supplement multiple other areas of study such as engineering, education, and business.

Total Hours Required: 16

Requirements

Requirements are listed in the table below. Additional requirements may follow the table, so be sure to read the entire page. Some required courses listed below may also satisfy [General Education](#) requirements, including [Core Curriculum](#). Students should also review the [University's Undergraduate Minor and Certificate Requirements and Policies](#).

Code	Title	Hours
Hours chosen from:		3
GEO 303	Introduction to Geology	
OR		
GEO 401	Physical Geology	
Hours chosen from:		4
GEO 405	Life through Time	
GEO 416E	Solid Earth Processes	
GEO 416S	Earth and Planetary Processes Through Time	
GEO 416W	Climate, Water, and the Environment	
Hours chosen from: Upper-division GEO coursework		9
College Requirements - Geosciences		
Undergraduate Minor and Certificate Requirements and Policies		
Total Hours		16

Additional Requirements and Policies

- Registration for any of these courses requires that existing prerequisite course requirements are adequately met.
- Petitions to substitute another course to use toward any requirement must be submitted to the JSG Student Services Office.