

Hydrology Minor

The Hydrology Minor provides a selection of courses that will establish an understanding of the water cycle and associated hydrological processes. The courses in this minor emphasize physical and chemical processes that control the movement of water through the Earth system and water quality. Students completing this minor will gain knowledge in the methods hydrologists use to characterize hydrological processes, including environmental monitoring data and aquifer properties.

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
GEO 303	Introduction to Geology	3
OR		
GEO 401	Physical Geology	
GEO 416W	Climate, Water, and the Environment	4
Hours chosen from:		3
GEO 476K	Groundwater Hydrology	
GEO 376S	Physical Hydrology (may only be counted toward one requirement)	
Hours chosen from:		6
GEO 328W	Vadose Zone Hydrology	
GEO 370E	Ecohydrology and Biometeorology	
GEO 372S	Geochemical Problem Solving with Atoms and Ions	
GEO 376L	Field Methods in Groundwater Hydrology	
GEO 376S	Physical Hydrology (may only be counted toward one requirement)	
GEO 377K	Applied Karst Hydrogeology	
GEO 476M	Aqueous Geochemistry	
GEO 476W	Hydrogeophysics	
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.
- GEO 376S may only apply toward a single category for the minor.