

# ENVIRONMENTAL AND ENGINEERING GEOLOGY - CERTIFICATE

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The certificate in Environmental and Engineering Geology provides students with a solid foundation to understand the geological processes that shape and impact the environment, resources, and land use. Through the required and elective courses, students learn theories, processes and mechanisms and gain hands-on experience with laboratory and field methods in both environmental and engineering geology.

The Environmental and Engineering Geology Certificate may be completed by students pursuing undergraduate degrees in the Department of Geology and Geophysics.

For additional information, contact the Department of Geology and Geophysics undergraduate advising office at [gepl-ugrad-advisor@tamu.edu](mailto:gepl-ugrad-advisor@tamu.edu).

## Program Requirements

Code	Title	Semester Credit Hours
GEOL 351	Geochemistry	3
GEOL 410	Hydrogeology	3
GEOL 440	Engineering Geology	3
Select one of the following:		3
GEOL 301	Mineral Resources	
GEOL 360	Analyzing Data in Geology	
GEOL 412	Environmental Hydrogeology	
GEOL 420	Environmental Geology	
GEOP 313	Geophysical Field Methods	
GEOS 443	Global Biogeochemical Cycles	
Total Semester Credit Hours		12