

GRADUATE CERTIFICATE IN GEOENVIRONMENTAL ENGINEERING

The graduate certificate in geoenvironmental engineering program is designed to provide the necessary background for civil engineers to practice in the field. The program offers an in-depth understanding of the issues that a geo-environmental engineer may encounter in practice. Students who successfully complete the certificate program may opt to continue towards a master's degree in the Civil and Environmental Engineering department. All courses completed by the student in the graduate certificate program with a grade of B or better can be transferred to the master's degree program.

Specific admission requirements are shown on the Graduate Program Finder. (<http://www.gwu.edu/all-graduate-programs>)

REQUIREMENTS

The following requirements must be fulfilled: 12 credits, including 9 credits in required courses and one 3-credit elective course.

Code	Title	Credits
Required		
CE 6401	Fundamentals of Soil Behavior	
CE 6509	Introduction to Hazardous Wastes	
CE 6800	Special Topics (Containment Systems for Waste Disposal and Remediation Systems for Subsurface Contamination)	
Elective		
One of the following:		
CE 6501	Environmental Chemistry	
CE 6504	Water and Wastewater Treatment Processes	
CE 6507	Advanced Treatment Processes	
CE 6605	Ground Water and Seepage	
CE 6610	Pollution Transport Systems	