

# GRADUATE CERTIFICATE IN ENVIRONMENTAL ENGINEERING

The graduate certificate in environmental engineering program is particularly appropriate for individuals interested in the areas of hazardous waste remediation and water/wastewater treatment. Students who complete the graduate certificate 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 in one selected track, including 9 credits in required courses and a 3-credit elective course.

### Hazardous Waste Remediation

Code	Title	Credits
<b>Required</b>		
CE 6503	Principles of Environmental Engineering	
CE 6504	Water and Wastewater Treatment Processes	
CE 6509	Introduction to Hazardous Wastes	
<b>Elective</b>		
One of the following:		
CE 6501	Environmental Chemistry	
CE 6502	Advanced Sanitary Engineering Design	
CE 6503	Principles of Environmental Engineering	
CE 6504	Water and Wastewater Treatment Processes	

### Advanced Technologies in Environmental Engineering

Code	Title	Credits
<b>Required</b>		
CE 6503	Principles of Environmental Engineering	
CE 6504	Water and Wastewater Treatment Processes	

CE 6800	Special Topics (Environmental Application and Implications of Nanotechnology)
<b>Elective</b>	
One of the following:	
CE 6501	Environmental Chemistry
CE 6502	Advanced Sanitary Engineering Design
CE 6503	Principles of Environmental Engineering
CE 6504	Water and Wastewater Treatment Processes

### Engineering Design and Impact Assessment

Code	Title	Credits
<b>Required</b>		
CE 6503	Principles of Environmental Engineering	
CE 6504	Water and Wastewater Treatment Processes	
CE 6505	Environmental Impact Assessment	
<b>Elective</b>		
One of the following:		
CE 6501	Environmental Chemistry	
CE 6502	Advanced Sanitary Engineering Design	
CE 6503	Principles of Environmental Engineering	
CE 6504	Water and Wastewater Treatment Processes	