

# GRADUATE CERTIFICATE IN ENVIRONMENTAL SYSTEMS MANAGEMENT

The certificate program in environmental systems management is designed for professionals in the engineering, business management, and related disciplines who are required to manage organizations faced with complex and rapidly changing environmental requirements in the United States and throughout the world. The program provides advanced education across the full spectrum of subjects central to the practice of environmental management, including not only the policy, management and high-level technical understanding underlying challenges in the environmental management area, but also the statutory and regulatory framework in which they are embedded, as well as social and policy considerations that are critically important in modern society.

GW's proximity to the federal government, major environmental organizations and high-tech firms in the Washington, DC, area allows certificate students to integrate their academic study with real-world practical experience and exposure to decision makers and top players in the environmental management field.

## REQUIREMENTS

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

Code	Title	Credits
<b>Required</b>		
EMSE 6200	Policy Factors in Environmental and Energy Management	
EMSE 6220	Environmental Management	
EMSE 6245	Analytical Tools for Environmental Management	
<b>Elective</b>		
Once course (3 credits) selected from the following;		
EMSE 6225	Air Quality Management	
EMSE 6230	Hazardous Waste Management and Cleanup	
EMSE 6235	Water Quality Management	