

GRADUATE CERTIFICATE IN EMERGENCY MANAGEMENT AND PUBLIC HEALTH

Offered through the Department of Engineering Management and Systems Engineering (EMSE) (<http://www.emse.seas.gwu.edu/graduate-certificates>), the graduate certificate in emergency management and public health program helps students define emergencies and disasters as well as develop incident management plans for responding to and managing environmental and public health emergencies. In addition to course work within the department, students take courses at GW's Milken Institute School of Public Health (<http://publichealth.gwu.edu>).

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

REQUIREMENTS

The following requirements must be fulfilled: 18 credits, including 12 credits in required courses and 6 credits in elective courses.

Code	Title	Credits
Required		
EMSE 6305	Crisis and Emergency Management	
EMSE 6325	Medical and Public Health Emergency Management	
PUBH 6002	Biostatistical Applications for Public Health	
PUBH 6003	Principles and Practices of Epidemiology	
Electives		
Two of the following:		
EMSE 6240	Environmental Hazard Management	
EMSE 6300	Homeland Security: The National Challenge	
EMSE 6310	Information Technology in Crisis and Emergency Management	
EMSE 6315	Management of Risk and Vulnerability for Hazards and Terrorism	
EMSE 6320	International Disaster Management	
EMSE 6330	Management of Terrorism Preparedness and Response	

EMSE 6335	Geographic Information Systems for Emergency Management
EMSE 6345	Disaster Recovery and Organizational Continuity
EMSE 6350	Hazard Mitigation in Disaster Management
EMSE 6820	Program and Project Management
EMSE 6992	Special Topics (as approved by academic advisor)

Appropriate electives from other departments may be permitted with the advisor's approval.