

# GRADUATE CERTIFICATE IN EMERGENCY MANAGEMENT AND PUBLIC HEALTH

Offered through the Department of Engineering Management and Systems Engineering, the graduate certificate in Emergency Management and Public Health provides the skills needed to define emergencies and disasters as well as develop incident management plans for responding to and managing environmental and public health emergencies.

In addition to coursework within the department, students may take courses at GW's Milken Institute School of Public Health. All courses are held in-person on GW's main campus in the Foggy Bottom neighborhood of Washington, D.C. Courses are typically held in the late afternoon or early evening to accommodate working professionals.

Visit the program website (<https://www.emse.seas.gwu.edu/graduate-certificates/#emph>) for additional program information.

## ADMISSIONS

<b>Admission deadlines:</b>	Fall - January 15
	Spring - September 1
	Summer - March 1

### Standardized test scores:

The Test of English as a Foreign Language (TOEFL), the Academic International English Language Testing System (IELTS), or the PTE Academic is required of all applicants except those who hold a bachelor's, master's, or doctoral degree from a college or university in the United States or from an institution located in a country in which English is the official language, provided English was the language of instruction.

Minimum scores:

- Academic IELTS: an overall band score of 6.0 with no individual score below 5.0; or
- TOEFL: 550 on paper-based or 80 on Internet-based; or
- PTE Academic: 53.

Applicants with lower test scores may qualify for our full-time Applied English Studies program (<https://nondegree.gwu.edu/aes-gw/>).

### Prior academic records:

Transcripts are required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Unofficial transcripts from all colleges and universities attended must be uploaded to your online application. Official transcripts are required only of applicants who are offered admission. If academic records are in a language other than English, a copy in the original language and an English language translation must be uploaded. Transcript evaluations should not be uploaded. Applicants with degrees from Indian universities should upload transcripts and/or detailed marksheets.

**Statement of purpose:** In an essay of 250 to 500 words, state your purpose in undertaking graduate study at The George Washington University; describe your academic objectives, research interests, and career plans; and discuss your related qualifications, including collegiate, professional, and community activities, and any other substantial accomplishments not already mentioned.

**Additional requirements:** Applicants should possess an undergraduate degree in engineering, the physical sciences, or applied mathematics.

**International applicants only:** International applicants requiring a visa from GW are not eligible to apply for admission to this program, but may apply for the MS, PhD, or a professional degree (AppSc or Engr) in engineering management (<https://www.emse.seas.gwu.edu/>) with an area of focus in crisis, emergency, and risk management.

**For more information on the admission process,** please visit the SEAS Frequently Asked Questions page. (<http://graduate.seas.gwu.edu/apply/faq/>)

**Contact for questions:**  
 engineering@gwu.edu - 202-994-1802 (phone) - 202-994-1651 (fax)  
 9:00 - 5:00 pm, Monday through Friday

## REQUIREMENTS

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

Code	Title	Credits
<b>Required</b>		
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 Risk Management, Hazard Analysis, and Risk-Based Decision Making

EMSE 6320 International Disaster Management

EMSE 6330 Management of Terrorism Preparedness and Response

EMSE 6335

EMSE 6345 Building the Resilient Organization: Continuity, Crisis and Disaster Recovery Management

EMSE 6350 Managing Disaster Resilience Through Hazard and Threat Mitigation

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.