

George Washington University, Washington - Graduate Certificate in Homeland Security Emergency Preparedness and Response (HSEPR)

The George Washington University (GWU) Department of Engineering Management and Systems Engineering offers this interesting Graduate Certificate. It provides an interdisciplinary graduate education for persons engaged in or seeking professional careers in homeland security and/or emergency management in the public sector, or emergency management, crisis management, business continuity or business resilience practice in the for-profit and nonprofit sectors. Many certificate students continue on to complete the Master of Science (MS) degree in Engineering Management, an engineering degree that is highly desirable in the marketplace. There is no GRE requirement for the MS admission if students do well in initial Certificate courses. Other certificate students have completed the graduate certificate and combined it with a Master's degree in Public Administration or Public Policy from the GWU School of Media and Public Affairs, with no additional course load.

The Graduate Certificate consists of six three-credit courses in the Crisis, Emergency and Risk Management (CERM). Classes are on the GWU Foggy Bottom (Washington, DC) campus in the evening time slot and most students are working professionals. CERM faculty all have extensive practice expertise in their course topic areas, in addition to their passion for teaching. The Washington DC location promotes opportunity for many guest speakers during class sessions, providing up-to-date, insider views on important topics related to the relevant course. CERM class sessions are conducted under not-for-attribution rules to promote frank discussion by faculty, guest speakers and students. In-class exercises, student presentations, and class discussions encourage student interaction and learning from each other, which broadens their understanding of the field and the many career opportunities. Class activities and research assignments are designed to provide both the knowledge and the skills/abilities important for excelling in professional management, especially related to crisis and emergency management.

Certificate graduates have had exceptional opportunities as they advance in their careers. The wide range of interesting career paths taken by certificate and MS program graduates reflect the level of management expertise gained in this educational experience. Attention to detail is focused upon program management as well as risk reduction and managing highly uncertain emergency and disaster situations.

Additional Information: <https://www.emse.seas.gwu.edu/graduate-prospective-students>
<https://www.emse.seas.gwu.edu/graduate-certificates>

Required

EMSE 6300: Homeland Security: The National Challenge - 3 credit(s)

Five additional courses

EMSE 6305: Crisis and Emergency Management - 3 credit(s)

EMSE 6310: Information Technology in Crisis and Emergency Management - 3 credit(s)

EMSE 6315: Management of Risk and Vulnerability for Hazards and Terrorism - 3 credit(s)

EMSE 6320: International Disaster Management - 3 credit(s)

EMSE 6325: Medical and Public Health Emergency Management - 3 credit(s)

EMSE 6345: Disaster Recovery and Organizational Continuity - 3 credit(s)

EMSE 6350: Hazard Mitigation in Disaster Management - 3 credit(s)

EMSE 6992: Special Topics: Leadership in Crisis and Catastrophe - 3 credit(s)

George Washington University is a member of the Middle States Commission on Higher Education (MSCHE).

Core Capabilities

Community Resilience
Economic Recovery
Environmental Response / Health and Safety
Health and Social Services
Infrastructure Systems
Intelligence and Information Sharing
Logistics and Supply Chain Management
Long-term Vulnerability Reduction
Mass Care Services
Mass Search and Rescue Operations
Operational Communications
Operational Coordination
Planning
Public Health, Healthcare, and Emergency Medical Services
Public Information and Warning
Risk and Disaster Resilience Assessment
Risk Management for Protection Programs and Activities
Situational Assessment
Threats and Hazards Identification

Core Competencies

Abide by Professional Ethics
Community Engagement
Disaster Risk Management
Geographic Literacy
Governance and Civics
Leadership
Operate within the EM Framework, Principles, and Body of Knowledge
Possess Critical Thinking
Scientific Literacy
Sociocultural Literacy
Systems Literacy
Technological Literacy
Value Continual Learning

For More Information:

Contact(s): Joseph A. Barbera, MD
Engineering Management and Systems Engineering
jbarbera@gwu.edu
2404018713

Institution: George Washington University
SEH, 800 22nd Street, NW Suite 2620 I
Washington, DC 20052
<http://www.gwu.edu/>
(202) 994-1000

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