

## **University of Maryland, Global Campus – Master of Science with Specialization in Homeland Security**

Prepare for a dynamic career protecting critical infrastructure with a master's degree in management with a specialization in homeland security management.

The specialization in homeland security management helps prepare you to take a leadership role in protecting against natural and human-made threats to U.S. security. Gain practical managerial skills in performing security risk assessments; planning for and managing operational recovery; and developing strategies to protect people, facilities, and critical infrastructure.

Perfect for mid career professionals, your coursework for the master's degree in management with a specialization in homeland security management will include issues in emergency management, cyber security, bioterrorism, and energy security, as well as core courses in business management. You'll use real data from real crises in assignments and projects and practice making executive-level decisions.

Through your coursework, you will learn how to:

Tackle the five mission areas in homeland security as defined by the Department of Homeland Security

Perform risk assessments

Conduct resilience planning and preparedness for disaster response and recovery

Apply risk methodologies to critical infrastructure sectors, including the energy industry

Make decisions using statistics and financial information

Use organizational theory, effectiveness measurement, and systems thinking

Manage intercultural environments

Apply knowledge about energy pipeline security, electrical grid security, cyber dependence, and SCADA systems as well as risk methodologies applied to the energy industry

Manage each phase of the IT project life cycle, working within organizational and cost constraints, setting goals linked directly to stakeholder needs, and using proven management tools

In past projects, students have had the opportunity to

Use one of the Department of Homeland Security's daily summaries of current critical infrastructure issues to write hypothetical article

Write a job description for a chief risk officer, including the resilience, response, and recovery skills required for the job

Analyze one of the critical infrastructures designated by DHS and make recommendations on ways to protect and assure continued availability of services from this infrastructure, providing your judgments together with experts' opinions

UMGC was named a National Center of Academic Excellence in Information Assurance and Cyber Defense Education by the National Security Agency and Department of Homeland Security.

Required Courses:

Orientation to Graduate Studies at UMGC – 0 Credits

Core Courses:

Organizational Theory and Behavior – 6 Credits  
Financial Decision Making for Managers – 3 Credits  
Statistics for Managerial Decision Making – 3 Credits  
Strategic Management Capstone – 3 Credits

Specialization Courses (Applies to both MS in Management and MS in IT):

Concepts in Homeland Security – 3 Credits  
Critical Infrastructures – 3 Credits  
Resilience Planning and Preparedness for Disaster Response and Recovery – 3 Credits  
The Law, Regulation and Ethics of Information Assurance – 3 Credits  
Biosecurity and Bioterrorism – 3 Credits  
Information Technology in Emergency Management – 3 Credits  
Seminar in Homeland Security – 3 Credits

Total Credits: 36 Credits

The University of Maryland Global Campus is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools.

For more information contact:

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Additional Information: <https://www.umgc.edu/academic-programs/masters-degrees/management/homeland-security-management.cfm>

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