

Nova Southeastern University - Online Master of Science degree in Disaster and Emergency Management

NSU's interprofessional program trains future leaders in the field of emergency management and is designed to provide students with the theoretical knowledge and applied skills needed to work in this rapidly growing field. Graduates will develop skills in leadership and management as well as threats and hazards identification and response. This will enable graduates to build a core understanding of critical issues in the field, preparing them for both government and private sectors at the local and global levels.

The program content is offered in an online format, allowing working professionals to earn their degree while continuing to work. The degree will allow students from a variety of disciplines to specialize in one of several concentrations, which includes a community research practicum at the local, state, federal, or international level.

The six degree concentrations offered are:

Public Health

Cybersecurity

Criminal Justice

Fire Administration

Environmental Hazards

Maritime Safety and Security

Students can also choose not to specialize.

The Master of Science in Disaster and Emergency Management (MS DEM) is a 36-credit-hour degree program. The program consists of:

Six core courses (4 course required + 1 course in the area of management and leadership + 1 course in the area of threats and hazards)

Six elective courses (if a concentration is chosen, 4 of these must be from that concentration)

The MS DEM program focuses on developing practical skills for the emergency management professional and many of our courses include plan development, response coordination, and recognition of social and community vulnerabilities.

Core Courses

Required Courses for all students (12 credits)

DEM 5011: Applied Research Methods for Emergency Management

DEM 5050: Bioterrorism and All-Hazards Preparedness

DEM 5055: Disaster Planning and Evaluation

DEM 6010: Practicum (must be in selected track if a track was chosen)

Management and Leadership Cluster- one course (3 credits) must be chosen from Management/Leadership Cluster

DEM 5010: Leadership and Organizational Behavior for Emergency Preparedness

DEM 5020: Preparedness, Planning, Mitigation, and Continuity Management
DEM 5030: Executive Leadership and Administration
DEM 5040: Security Management in a Global Society

Threats, Hazards and Impacts Cluster- one course (3 credits) must be chosen from Threats, Hazards, Impacts Cluster

DEM 5060: Environmental Hazards in Emergency Preparedness
DEM 5070: Risk Assessment and Mitigation
DEM 5080: Agro-terrorism and Food Safety Disasters
DEM 5090: Weapons of Mass Threat and Communicable Diseases

General Electives

DEM 6110: Community Vulnerability Assessment
DEM 6120: Psychosocial Dimensions of Disaster
DEM 6130: Risk and Crisis Communications
DEM 6150: Grant Writing and Research Methods for Emergency Preparedness
DEM 6160: Leadership Topics
DEM 6170: Elective Practicum
DEM 6180: Exercise Design

Maritime Safety and Security Track Electives

DEM 6210: Introduction to Maritime Safety - 3 credit(s)
DEM 6220: Maritime Safety and Security Leadership - 3 credit(s)
DEM 6230: Maritime Safety for the Cruise and Yachting Industries - 3 credit(s)
DEM 6240: Concepts in Shipboard Safety Management - 3 credit(s)
DEM 6250: History of Maritime Disasters - 3 credit(s)
DEM 6260: Maritime Environmental Responsibilities - 3 credit(s)

Cyber Security Track Electives

DEM 6310: Introduction to Cyber Security
DEM 6320: Information Security Protection
DEM 6330: Cyber Security and the Constitution
DEM 6340: Cyber Vulnerability
DEM 6350: Data Mining

Criminal Justice Track Electives

DEM6423: Interagency Disaster Communication
DEM6424: Community Disaster Preparedness
DEM6404- Community Planning, Response, and Recovery for Families and Children
DEM6410- Emergency Preparedness Public Policy and Law
DEM6440- Conflict Management in Times of Crisis

Public Health Track Electives

DEM6500: Epidemiology of Disasters
DEM6141: Social Vulnerability: Implications in the Disaster Cycle
DEM6510: Public health Issues in Disaster and Emergency Preparedness

DEM6165: Healthcare Emergency Management
PUH5201: Foundations of Public Health
PUH5301: Biostatistics
PUH5314: Global Health

Fire Administration Track Electives

DEM5030: Executive Leadership and Administration
DEM6610: Fire Service Operations
DEM6423: Interagency Disaster Communication
DEM6424: Community Disaster Preparedness
DEM6410: Emergency Preparedness Public Policy and Law
DEM6440: Conflict Management in Times of Crisis

Environmental Hazards Track Electives

DEM5060: Environmental Hazards in Emergency Preparedness
DEM5080: Agroterrorism and Food System Disasters
PUH5220: Environmental and Occupational Health
DEM6260: Maritime Environmental Responsibilities

Interprofessional Electives

MI6421: Geographic Information Systems
MI6405: Public Health Informatics
NSAM5001: Current Historical Issues in National Security Affairs
NSAM5002: Terrorists and Terrorism: Theory and Practice
NSAM5003: National Intelligence Collection and Analysis: Theory and Practice

Nova Southeastern University, and the Master of Science in Disaster and Emergency Management, are accredited by the Southern Association of Colleges and Schools Commission on Colleges.

For more information contact:

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