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 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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