

DISASTER MANAGEMENT, MPH

The MPH in Disaster Management program prepares professionals to apply scientific principles to prevent, detect, and mitigate environmental public health problems and threats associated with natural and technological disasters- locally to globally. Students gain skills to implement population-based interventions to protect communities, particularly vulnerable populations, from natural, accidental, and intentional disasters. This MPH offering is intended for both pre-professionals and mid-career individuals. Students typically have a background in a life or physical science or engineering. This course is offered by Distance Learning and on campus.

Faculty Lead: Stephen Murphy, PhD

Program Competency

Upon completion of the MPH degree in Disaster Management, graduates will have the following competencies:

- Apply scientific principles to prevent, detect, respond to, and mitigate local and global threats to environmental health that are associated with natural and technological disasters.
- Develop population-based interventions to protect communities and particularly vulnerable populations from natural, accidental, and intentional disasters that affect person and community health.
- Develop a strategy (-ies) to improve the capacity of public systems to effectively respond to natural and intentional disasters.
- Evaluate the capacity of public health systems to effectively respond to natural and intentional disasters.
- Apply international, federal, and state regulatory policies, guidelines, and authorities to address public health needs during disasters.

Requirements

The MPH Degree in Disaster Management requires 45 credits that includes:

Course ID	Title	Credits
SPHTM Foundational Requirements		
SPHL 6020	Foundations in Public Health	3
SPHL 6050	Biostatistics for Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SPHL 6070	Health Systems Policy and Management	3
SPHL 6080	Design Strategies in Public Health Programs	3
Program Course Requirements		
ENHS 6030	Survey of Environmental Health	3
ENHS 6600	Principles of Toxicology	3
ENHS 6910	Health Security Threats	3
ENHS 6950	Psychosocial Aspects of Disaster	3
ENHS 7130	Outbreak and Disaster Response Readiness	3
ENHS 7620	Health Risk Assessment	3
ENHS 7750	Environmental Policy	3
Elective Courses		6
Additional Coursework		
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
SPHL 9980	Applied Practice Experience	1
SPHL 7950	Integrative Learning Experience	1
Total Credit Hours		45

MPH in Disaster Management Model Course Schedule

Year 1

		Credit Hours
Fall		
SPHL 6000	Fundamentals of Interprofessional Collaboration & Practice	1
SPHL 6020	Foundations in Public Health	3
SPHL 6050	Biostatistics for Public Health	3
ENHS 6910	Health Security Threats	3

ENHS 6030	Survey of Environmental Health	3
Credit Hours		13
Spring		
SPHL 6060	Epidemiology for Public Health	3
SPHL 6070	Health Systems Policy and Management	3
SPHL 6080	Design Strategies in Public Health Programs	3
ENHS 7130	Outbreak and Disaster Response Readiness	3
Credit Hours		12
Summer Session		
SPHL 9980	Applied Practice Experience	1
Credit Hours		1
Year 2		
Fall		
ENHS 6600	Principles of Toxicology	3
ENHS 6950	Psychosocial Aspects of Disaster	3
Elective		3
Credit Hours		9
Spring		
ENHS 7620	Health Risk Assessment	3
ENHS 7750	Environmental Policy	3
SPHL 7950	Integrative Learning Experience	1
Elective		3
Credit Hours		10
Total Credit Hours		45

Program String and Field of Study: PHMPH_GR, EHDM

Catalog addenda note: Corrections were made to this program requirements page on 8/19/2025.

Contact

To learn more about the department, visit <https://sph.tulane.edu/enhs/mph-dm> (<https://sph.tulane.edu/enhs/mph-dm/>).