

PHILADELPHIA UNIVERSITY

MASTER OF SCIENCE IN DISASTER MEDICINE AND MANAGEMENT



ADMISSION REQUIREMENTS

Applications to the program should be submitted to the Philadelphia University Office of Graduate Admissions. Admission into the program requires:

- bachelor's degree;
- official academic transcripts;
- current resume;
- two letters of recommendation;
- personal essay.

The GRE is not required.

PROGRAM OVERVIEW

Recent events worldwide have focused attention on the prevalence of disasters, mass-casualty situations and public-service disruptions including terrorism, war, tsunamis, earthquakes, hurricanes, floods, wildfires, volcanoes, major power-grid disruptions and hazardous materials. The effects of these events have been immense. Increased attention to our public safety, emergency medical services (EMS) and public-health systems points to a need for disaster preparedness. The need for a highly organized disaster-preparedness infrastructure and individuals with expertise in this area has become readily apparent to the government and private sector. Disaster emergency planning and management has become an expanding area of study in the fields of medicine, emergency medical services, public safety, mental health, public health and the military.

The Master of Science in Disaster Medicine and Management is a comprehensive graduate degree program preparing you in all facets of disaster management. The program encompasses the study of terrorism, weapons of mass destruction, hazardous materials, natural disasters, psychological aspects of disasters, acute traumatic-stress intervention, public-health considerations of disasters, business continuity, research methods and disaster planning and management including risk assessment, incident command and resource allocation. These courses, coupled with the one week, on-campus disaster drill and planning workshop, will prepare you to plan, manage, and respond in the event of a mass-casualty disaster.

Delivered as a partnership between Philadelphia University and the Department of Emergency Medicine of the Albert Einstein Healthcare Network, this innovative program is offered in two formats. One is a flexible, distance learning format that can be completed in one to three years depending on your own individual schedule. The Program can also be completed in a hybrid format combining the on-line requirements with in-person sessions throughout each term. No matter which format you choose, a mandatory summer intensive week (6.5 days) supports the on-line material for DMM-635 and DMM639.

The Program is offered in four 12-week semesters per year. Courses are offered using the Blackboard course management system with a variety of teaching modalities such as on-line lectures with audio, asynchronous discussion boards, synchronous chat rooms, reading assignments, in depth research papers, on-line journals and on-line testing. You will be asked to complete a capstone project that has several options, but a formal thesis is not required. The program can arrange for you to participate in an internship at a site that provides emergency and disaster planning and preparedness in the United States and internationally.

The program also offers two 9-credit, graduate certificates for professionals seeking a less intensive educational experience. One involves core material on disaster medicine and management, the second certificate addresses business- and crisis-continuity issues.



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E-LEARNING AT PHILADELPHIA UNIVERSITY

The program is offered in a flexible on-line environment. The vast majority of this is asynchronous and can be completed on your own schedule provided you meet the required examination and assignment deadlines. The hybrid model adds on-campus seminars in addition to the online process for students registered for this course section.

Program Hardware and Software Requirements:

- Access to a computer with the Windows operating system (Windows 2000, Windows XP or above) and the capacity to hear audio (sound card). Also, a microphone and web cam capability will be useful.
- Internet access with high-speed connection (DSL, broadband or cable)
- Microsoft Office software (Word and PowerPoint)

CURRICULUM

Core Courses:

DMM611 Principles of Disaster Medicine and Management	3
DMM631 Organizational Management & Communication in Disasters	3
DMM635 Psychological Aspects of Disasters (Distance learning and mandatory on-campus experience)	3
DMM639 Principles of Disaster Exercises & Drills (Distance learning and mandatory on-campus experience)	3
DMM643 Public Health Implications of Disasters	3
DMM647 Disaster Emergency Planning	3
DMM651 Applied Research Methods & Statistics	3
DMM755 Capstone Experience in Disaster Medicine and Management: Master's Project (Distance learning only) Master's Project with Internship (Requires student on site)	3

Electives: (Choose four from the following)

DMM612 Foundations in Homeland Security and Defense	3
DMM615 Hazardous Materials & Industrial Safety	3
DMM617 GIS in Emergency Management	3
DMM619 Natural Disasters	3
DMM623 Weapons of Mass Destruction	3
DMM624 Organizational Risk and Crisis Management	3
DMM625 Business and Crisis Continuity	3
DMM626 Organizational Recovery and Planning	3
DMM627 Principles of Terrorism	3
DMM648 Emergency Preparedness for Special Needs Population	3
DMM649 Healthcare Emergency Management	3
DMM653 Clinical Disaster Medicine	3
DMM791 Internship in Disaster Medicine and Management	3
DMM797 Special Topics in Disaster Medicine and Management	1-3
TOTAL DEGREE CREDIT HOURS	36

Prerequisite Courses

English Composition or College Writing	3
College-level Math or Statistics	3
General Biology or Anatomy and Physiology or Equivalent	3-4
Introductory Psychology or Behavioral Science Course	3

GRADUATE CERTIFICATE IN DISASTER MEDICINE AND MANAGEMENT

Core Courses (Required):

DMM611 Principles of Disaster Medicine and Management	3
DMM647 Disaster Emergency Planning	3
Electives: (Choose any one DMM course)	3
TOTAL CERTIFICATE CREDIT HOURS	9

GRADUATE CERTIFICATE IN BUSINESS AND ORGANIZATIONAL CONTINUITY

Each year, nearly one in five businesses will face a major disruption such as data loss due to power outage or a natural disaster that destroys an office, an entire facility or a unit of government. The graduate Certificate of Study in Business Continuity is designed to provide awareness of and to integrate methods of recognition of vulnerability and the effects of risk and steps inherent to effective recovery. The Certificate is granted after completion of three (3-credit) courses.

The course sequence is designed for working professionals interested in business continuity issues, as well as those pursuing the full master's degree sequence in Disaster Medicine and Management. Courses are offered in both an on-line and blended format that accommodates on-campus work and interspersed on-line experiences.

DMM625 Business and Planning for Crisis Continuity	3
DMM624 Organizational Risk and Crisis Management	3
DMM626 Organizational Recovery and Planning	3
TOTAL CERTIFICATE CREDIT HOURS	9



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Power to Do