EMERGENCY MANAGEMENT

The field of emergency management has shown significant growth and continues to develop as disasters frequently affect all communities, and response and recovery efforts require collaboration and coordination among all sectors.

PROGRAM OVERVIEW

Emergency Management is the academic discipline providing education and training on theoretical and practical concepts and issues related to preparedness, planning and mitigation for disaster-resilient communities. The Bachelor of Science in Emergency Management (BSEM) degree program will provide an in-depth understanding of the essentials of emergency management and prepare you to apply theoretical underpinnings of the field to practice. You will learn based on an all-hazards approach and gain knowledge from a scientific perspective to study the global, national, regional and local impacts of these events. Completion of an internship or applied experience that focuses on application of theoretical information covered in major courses will expand the hands-on and practical elements of the degree curriculum.

PROGRAM BENEFITS

1. Prepares students for a broad range of career fields in both the public and private sectors, ranging from but not limited to jobs in emergency management and across other related fields, from business to industry to education and community development.

2. Includes an internship/applied experience that focuses on application of the theoretical information covered in courses.

3. Courses are taught by faculty who have both theoretical and applied experiences and have served as practitioners in the field of emergency management.

PROGRAM OBJECTIVES

- Demonstrate knowledge of the five mission areas of emergency management and the role each plays in planning and mitigation.
- Apply theoretical underpinning of emergency management to practice.
- Examine the role terrorism plays in society and how it impacts public policy and decision-making.
- Identify core requirements of effective planning.
- Recognize effective methods for decision-making and problem-solving in emergency management.
- Exhibit competency in assessing risk susceptibility, resilience and vulnerability within a community or organization.
- Demonstrate knowledge of natural hazards in the context of emergency management.
- Interpret and analyze appropriate data and information technology related to natural hazards and emergency management.
- Show an understanding of the global, national, regional and local impact of disaster.

"My time in the EHEM program at Millersville was incredibly beneficial. From classes that taught preparedness on a local level, to courses about national-level disaster frameworks, the program comprehensively covered what I needed to know to start my professional career path."

– Diann Toone '20

Millersville University

WHAT WILL YOU LEARN?

- All-hazards approach
- Natural hazards and associated impacts
- Geographical Information Systems (GIS) and other technology applied in the field of emergency management
- Fundamentals of emergency management
- Fundamentals of developing, designing and implementing preparedness and disaster plans
- Risk assessment and mitigation
- Business continuity and continuity of operations
- Crisis communications
- Social dimensions of disasters
- Disaster response and recovery
- Fundamentals of health and safety
- Disaster law and policy

PROGRAM COURSES

Required Prerequisite Courses:
Completion of an associate degree or 60 transferrable credits is required. The following prerequisite courses must also be completed:
English Composition, Speech and College Algebra

Required Major Courses:
EHEM 201 Introduction to Emergency Management
EHEM 205 Natural Hazards Impact Assessment and Mitigation
EHEM 305 Disaster Management and Community Risk Reduction
EHEM 309 Disaster Response and Recovery
EHEM 315 Business Continuity and Continuity of Operations
EHEM 316 Introduction to Terrorism, WMD and Homeland Security
EHEM 319 Emergency Management Planning
EHEM 498 Internship/Research Project
ESCI 101 Earth Systems and Natural Hazards
ESCI 104 The World Ocean
ESCI 107 The Atmosphere
ESCI 120 Environmental Geology
ESCI 245 Environmental Meteorology
ESCI 281 GIS Applications for the Earth Sciences
ESCI 385 Global Climate Change: Science and Policy
OSEH 120 Fundamentals of Safety, Health and Environmental Issues
COMM 371 Crisis, Emergency and Risk Communication

CLUBS

Millersville's Student Chapter of the **International Association of Emergency Managers (IAEM)** provides both online and on-campus students an opportunity to network and advance the emergency management profession. The IAEM as a professional organization drives the development of the profession through its promotion of the Principles of Emergency Management, Certified Emergency Manager (CEM) Program and IAEM Scholarship Program. The Student Chapter of IAEM at Millersville University has been selected twice as Chapter of the Year by IAEM and hosts virtual meetings, seminar series, and other training and educational opportunities, including attendance at regional and annual IAEM conferences.

CAREER OPPORTUNITIES

A degree in emergency management prepares you for a broad range of career fields in both public and private sectors. Individuals with this degree can pursue a broad range of careers directly and indirectly related to emergency management:

- Emergency management directors
- Emergency management coordinators
- Emergency management specialists (e.g., GIS specialists)
- Emergency and disaster planners
- Disaster planning specialists
- Public health preparedness coordinators and specialists
- Relief organization personnel
- Private-sector consultants
- Crisis and emergency communication specialists
- Public information officers
- Crisis and risk managers
- Environmental response professionals
- Decision support professionals
- Healthcare disaster professionals

FACULTY

All of the program courses are taught by expert facultywho have both the theoretical and applied experiences, and have served as scholars and practitioners in the field of emergency management.

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