

**EDUCATION AS
A PATH TO
BUILDING**

**DISASTER
RESILIENT
COMMUNITIES**

www.millersville.edu/mdst



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For specific information on
the MDST Concentration in
Environmental Hazards and
Emergency Management contact:

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Millersville University
SEIZE THE OPPORTUNITY

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**Multi-Disciplinary
Studies Major (MDST)**

**Environmental Hazards
and Emergency Management
Concentration (EHEM)**



Learning Objectives

- Demonstrate knowledge of the five mission areas of emergency management and the role each one plays in planning and mitigation
- Apply the theoretical underpinnings of emergency management to practice
- Examine the role terrorism plays on society and how it impacts public policy and decision-making
- Identify the core requirements of effective planning
- Recognize the effective methods for decision-making and problem-solving as related to emergency management
- Exhibit competency in assessing risk susceptibility, resilience and vulnerability within a community or organization
- Demonstrate knowledge of natural disasters from a scientific perspective
- 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 disasters

Core Program 1

(18 credits)

EHEM 201:
**Introduction to
Emergency Management**

(3 credits)

EHEM 305:
**Disaster Management and
Community Risk Assessment**

(3 credits)

EHEM 316:
**Introduction to Terrorism,
WMD and Homeland Security**

(3 credits)

OSEH 120:
**Introduction to Occupational
Safety (3 credits)**

OSEH 221:
Industrial Fire Prevention

(3 credits)

ESCI 101:
**Earth Systems and
Natural Hazards**

(3 credits)

Core Program 2

(18 credits)

ESCI 107:
The Atmosphere

(3 credits)

ESCI 104:
World Oceans

(3 credits)

ESCI 221:
Physical Geology

(3 credits)

ESCI 245:
Environmental Meteorology

(3 credits)

ESCI 385:
Global Change

(3 credits)

GEOG 295:
Geographical Information Systems

(3 credits)