

# EMERGENCY MANAGEMENT (EMGT)

## EMGT 1500 - Fundamentals of Emergency Management

### Credit(s): 3 Credits

This course will provide an overview of the history of Emergency Management and Homeland Security in the United States, its current status, and future in managing high consequence incidents. Students will examine the fundamental definitions, theories, ethical principles, and frameworks associated with Emergency Management and Homeland Security.

### Restrictions:

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** UUC:Dignity, Ethics & Just Soc

## EMGT 1600 - Managing Natural, Man-made and Technological Disasters

### Credit(s): 3 Credits

This course will provide a broad overview of the history of natural, technological and manmade (intentional) disasters. (e.g., 1918 Pandemic, Great Flood of 1923, 1994 Northridge Earthquake, September 11th, etc.). Students will analyze the complex nature of disasters, identifying overriding themes while examining lessons learned and best practices.

### Restrictions:

Enrollment limited to students in the Schl for Professional Studies college.

## EMGT 1710 - First Responder and Healthcare Coordination in High Impact Disasters

### Credit(s): 3 Credits

This course will review the role and capability of first responders, public health and health care systems and will address the expectations of coordination and collaboration in disaster preparedness and response to all types of disasters. Students will be assisted through first responder and healthcare guest presentations and will examine the growing threat and consequences of disasters. The course will also cover theory and practice of various first responder and health issues in emergency management and homeland security while considering implications for policy makers.

### Restrictions:

Enrollment limited to students in the Schl for Professional Studies college.

## EMGT 2900 - Emergency Management Fundamentals Practicum

### Credit(s): 3 Credits

A practicum culminates the learning process where theory is put into practice. There are two courses that specifically address this learning practice. First, in EMGT 2900 students will experience developing a process for addressing the management of a large-scale disaster. The process will be informed through risk analysis and intelligence.

**Prerequisite(s):** EMGT 1500 with a grade of C or higher; EMGT 1600 with a grade of C or higher; EMGT 1710 with a grade of C or higher

### Restrictions:

Enrollment limited to students in the Schl for Professional Studies college.

## EMGT 3900 - Homeland Security Intermediate Practicum

### Credit(s): 3 Credits

A practicum culminates the learning process where theory is put into practice. There are two courses that specifically address this learning practice. First, in EMGT 2900 students will experience developing a process for addressing the management of a large-scale disaster.

EMGT 3900 course addresses the management skills required for the development of objectives, tactics, and tasks to achieve the mission.

**Prerequisite(s):** EMGT 1500 with a grade of C or higher; EMGT 2900 with a grade of C or higher

### Restrictions:

Enrollment limited to students in the Schl for Professional Studies college.

## EMGT 4760 - Emergency Management in Practice

### Credit(s): 3 Credits

This course is an interdisciplinary approach to emergency management that builds on recent manmade, technological and natural disaster experience. The course is designed to introduce students to the organization, roles, concepts, and frameworks of emergency management, crisis leadership, collaborative partnership development, collective decision making, vulnerable populations planning, and recovery in the content of community continuity/resilience.

**Prerequisite(s):** EMGT 1500 with a grade of C or higher

### Restrictions:

Enrollment limited to students in the Schl for Professional Studies college.

## EMGT 4770 - Emergency Management Homeland Security Exercise Design and Evaluation

### Credit(s): 3 Credits

This course will provide participants with the knowledge and skills to develop and conduct emergency management and homeland security exercises using the Homeland Security Exercise Evaluation Program (HSEEP) to test a community's emergency operations plan, processes and inter-operational response capability. To this end, the course provides hands-on training in the foundation, design and development, conduct, evaluation and improvement planning of exercises to instruct students in developing and implementing a comprehensive exercise program. Students will have the opportunity to observe exercises in practice and be responsible for designing an exercise.

**Prerequisite(s):** EMGT 1500 with a grade of C or higher; EMGT 1600 with a grade of C or higher; EMGT 2900 with a grade of C or higher; EMGT 4760 with a grade of C or higher

### Restrictions:

Enrollment limited to students in the Schl for Professional Studies college.

## EMGT 4800 - Emergency Management Capstone

### Credit(s): 3 Credits

The capstone experience course provides students with a service-learning opportunity where they work with an organization of their choice to identify and define a problem that is of importance to the organization, design and implement a solution that is deemed satisfactory by the organization, within the various constraints associated with the implementation. During this course, students are expected to demonstrate a synthesis and application of the knowledge and Jesuit ideals learned during their coursework. The course can only be taken in the last two terms of their senior year of coursework.

**Attributes:** UUC:Reflection-in-Action

**EMGT 4810 - Emergency Management Homeland Security Technologies**  
**Credit(s): 3 Credits**

The emergence of computing and telecommunications technologies in the latter part of the 20th Century and the beginning of the 21st Century has dramatically transformed emergency management and homeland security. The applications of technology will enhance the acquisition of information and resources with the use of technology in all phases of decision making. Mobile wireless networks and smart phones/tablets will serve as the backbone for communications and offer access to a variety of resources at low cost to the emergency manager. As a result of a greater interconnectedness of public, private, and non-profit agencies, traditional management tools will be expanded and the ability to analyze more complex issues in time of crisis will be more available to decision-makers.

**Prerequisite(s):** EMGT 1500 with a grade of C or higher

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**EMGT 4830 - Computer Modeling for Emergency Planning and Management**  
**Credit(s): 3 Credits**

Computers and the technology associated with them has drastically altered the world we live in. Instead of just documenting past disasters, computer modeling has allowed us to glimpse into the future. This provides a catalyst for emergency managers to emphasize mitigation and preparedness for potential incidents and events. All three disaster types, natural, technological and man-made can be modeled to some level providing the emergency manager the ability to manage in advance potential expected outcomes.

**Prerequisite(s):** EMGT 1500 with a grade of C or higher

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**EMGT 5000 - Critical Decision Making in Emergency Management**  
**Credit(s): 3 Credits**

Explores the various processes and support materials to make critical decisions in Emergency Management, business continuity and homeland security environments. The scope of the course covers the legal foundation, ethics and critical decision making necessary to manage community resources and stakeholders. It is based upon Threat and Hazard Identification Risk Assessment (THIRA) and the establishment of comprehensive preparedness. (Offered occasionally)

**Attributes:** MPH-Behavior Sci & Health Equi, MPH-Epidemiology

**EMGT 5100 - Advanced Emergency Management**  
**Credit(s): 3 Credits**

Explores the issues and approaches in managing the phases of Emergency Management, including infrastructure, national frameworks, emergency and recovery support functions and the implementation of the Incident Command System at the area and unified command levels for regional, national and international incidents and events. (Offered occasionally)

**Prerequisite(s):** EMGT 5000 with a grade of C or higher

**EMGT 5200 - Current and Emerging Technologies in Emergency Management**  
**Credit(s): 3 Credits**

Explores the current and future applications of technology to enhance the management of information and resources during all phases of Emergency Management. Emergency Operations Center (EOC) management, Global Information Systems (GIS), communications management are all topics that will be covered in this course. (Offered occasionally)

**Prerequisite(s):** EMGT 5000 with a grade of C or higher

**EMGT 5300 - Communications – Disasters and Media**  
**Credit(s): 3 Credits**

Examines the various forms of communication required in managing community stakeholders during crisis situations and large events. Course content includes developing communications teams, communicating with target audiences using risk analysis data, development of messages, creation of materials and measuring the effectiveness of both internal and external messaging. (Offered occasionally)

**Prerequisite(s):** EMGT 5000 with a grade of C or higher

**EMGT 5961 - Emergency Management Master's Project I**  
**Credit(s): 1 Credit**

This is the first course in a three-part sequence of courses that together require students to design and implement a master's research project in Emergency Management, demonstrating their mastery of the knowledge and skills they have acquired over their course of study in the Emergency Management program. At the end of this credit hour, students will have identified an organizational problem that can be addressed through Emergency Management, defined the problem unambiguously and rigorously, and provide a report on the appropriate research and context for the problem and its potential set of solutions. Permission must be granted by the program director. (Offered occasionally)

**EMGT 5962 - Emergency Management Master's Project II**  
**Credit(s): 1 Credit**

This is the second course in a three-part sequence of courses that together require students to design and implement a master's research project in Emergency Management, demonstrating their mastery of the knowledge and skills they have acquired over their course of study in the Emergency Management program. At the end of this credit hour, students will have created a research design and its associated implementation plan for addressing the organizational problem that was identified and described in EMGT5961. Permission must be granted by the program director. (Offered occasionally)

**Prerequisite(s):** EMGT 5961 with a grade of C or higher

**EMGT 5963 - Emergency Mgmt Master's Proj III**  
**Credit(s): 1 Credit**

This is the third and final course in a three-part sequence of courses that together require students to design and implement a master's research project in Emergency Management demonstrating their mastery of the knowledge and skills they have acquired over their course of study in the Emergency Management program. At the end of this credit hour, students will have implemented an Emergency Management project that addresses an organizational problem, written a formal report using a structure that is appropriate for decision-makers who will benefit from the result of the project implementation, and produced a reflection report of their (students') experiences in implementing their projects and its implications for their future. Permission must be granted by the program director. (Offered occasionally)

**Prerequisite(s):** EMGT 5962 with a grade of C or higher