



## Become an Emergency Response Leader

The need for skilled emergency response leaders continues to grow as more natural disasters and intentionally destructive human-initiated events occur.

Local, state, federal, and international agencies – as well as public and nonprofit organizations in healthcare, manufacturing, infrastructure, and hazardous materials industries – all seek qualified individuals with emergency management credentials.

Successful planning, response, and restoration of critical services and functions help save lives and minimize costly damage.

The University of Illinois at Chicago's Emergency Management and Continuity Planning (EMCP) certificate program prepares individuals to lead organizations and facilities through a variety of emergency response and preparedness requirements.

A collaboration between UIC's School of Public Health and College of Business Administration, the EMCP program is a five-course, 100% online graduate program facilitated by prominent industry experts. It can be completed in as few as three semesters.

UIC's EMCP program offers interdisciplinary leadership training in:

- Communications Management
- Continuity Planning
- Crisis Management
- Emergency Operations Management
- Hazard Vulnerability Analysis
- Information Systems
- Organizational Crisis Response
- Risk Management
- Strategic Planning

The EMCP program is ideal for working professionals in both the public and private sectors. Instructors are all leading emergency management practitioners in fields including disaster management and recovery, corporate business continuity planning, and public health. There is also a global network of UIC EMCP alumni.

The EMCP certificate courses fulfill the training contact hour requirements for the AEM/CEM certification and may be applied toward a master's degree at UIC's School of Public Health.

See reverse side for program requirements and course descriptions. For more information and to apply, visit the UIC EMCP website at [www.emergencymanagement.uic.edu](http://www.emergencymanagement.uic.edu).

**SCHOOL OF  
PUBLIC HEALTH**



### EMCP QUICK FACTS

Ideal program for public and private sector professionals

100% online

5 courses

Complete in as few as  
3 semesters

Expert faculty

Worldwide alumni network

### APPLICATION DEADLINES

Spring: December 1st

Summer: May 1st

Fall: August 1st

To earn the EMCP certificate, students must complete 5 courses with a total of 16 credit hours.

## REQUIRED CORE COURSES

### **Foundations of Emergency Management and Business Continuity Planning**

Foundations of Emergency Management introduces the scope, objectives and principles of emergency management. It is intended to be an introductory course with topics including the history of emergency management in the United States; the profession of emergency management; the roles of federal, state and local emergency management agencies; national response concepts; and preparedness, response, recovery and mitigation strategies. *3 credit hours*

### **Risk Assessment and Management**

This course familiarizes students with methods of assessing health and business risks related to man-made or natural events. Emphasis is given on decision tree methodologies for facilitating the analysis and identification of optimum remedial risk management alternatives. Characterization of hazard sources, exposure pathways, transmission or dispersion mechanisms, vulnerability analysis will be presented. *4 credit hours*

## ELECTIVES (choose any two)

### **Disaster Response and Recovery Operations**

This course discusses the basic framework of emergency management concept of operations (CONOPS), provides a structure for creating CONOPS and discusses examples of the appropriate use of CONOPS. Students learn to create CONOPS to respond to selected terrorist or natural events, provide guidance on the roles and responsibilities of fictional participants and define program organization and management approaches. This course is taught in collaboration with subject matter specialists from the Argonne National Laboratory and business continuity executives. *3 credit hours*

### **Strategic Planning for Emergency Management and Business Continuity**

This course seeks to characterize the process of defining mission, objectives, strategic alternatives, evaluation procedures and implementation plans specifically focused on enhancing urban infrastructure and public-private cooperation to respond to natural and man-made disasters. The development of capital budgets and procurement procedures to implement such planning would be an integral part of this course. This course is taught in collaboration with subject matter specialists from the Argonne National Laboratory and business continuity executives. *3 credit hours*

### **Critical Infrastructure and Resource Protection Planning**

This course is designed to enable students to create informed policies regarding the leading critical infrastructure sectors in the U.S. (e.g. energy, water, telecommunications, Internet, etc.), by understanding the regulatory and technical architecture issues behind them. The course introduces students to analyses and tools to identify critical private and public sector infrastructure and optimal protection strategies. Students learn how to evaluate the vulnerability and risks regarding each, and how to formulate protection strategies. *3 credit hours*

### **Advanced Special Topics: Crisis Management & Communications**

Students learn how to prepare an organization for inevitable threats, execute the crisis communications plan, then, when the crisis has passed, assess and do what must be done before other threats occur. The course introduces students to such areas as crisis preparation, issues management, crisis readiness, crisis leadership, and crisis response. Students learn how to extend management philosophy towards the prevention of potential crises, mitigation of those that do occur, and recovery and restoration in the wake of a crisis. *3 credit hours*

## INTEGRATIVE PROJECT (required)

### **Integrative Project in Emergency Management**

The objective of the student project is to demonstrate the integration of course materials with practical application of emergency management principles to respond to a terrorist or natural event within a real world setting. It is vital that students are able to confidently process and analyze data in developing emergency response and business continuity plans, estimate expected capacity for infrastructure recovery and integrate new improvements within existing response plans. Addressing financial and procurement issues, related to the implementation of recommendations would also be a component of the project course. This course is taught by faculty in collaboration with subject matter specialists from the Argonne National Laboratory and business continuity executives. *3 credit hours*