

University of Chicago – Master of Science in Threat and Response Management

The Master of Science in Threat and Response Management (MScTRM) program at the University of Chicago educates professionals who want to begin their emergency management careers, transition from another career, or achieve promotion within the field. The program combines the University of Chicago's academic rigor with the hands-on experience that professionals need to become leaders in emergency management.

Throughout the first year of the program, students complete the core curriculum, which covers the fundamentals of emergency management. In the second year of the program, students tailor their education through elective courses and a hands-on piece of capstone research. Courses are taught by emergency management practitioners as well as researchers and scientists and from the University of Chicago and Argonne National Laboratory.

The program is offered in an executive format, with students attending in-person classes in downtown Chicago over one weekend each month. Between class sessions, students complete assignments, readings and other class projects. The degree takes two academic years to complete.

Program Requirements:

Students are required to complete 12 courses.

6 Core courses

MSTR 31101: Foundations of Emergency Management and Homeland Security

MSTR 31102: Statistics, Data Visualization and Research Methods

MSTR 31103: Emergency Management, Policy Making, Law and Ethics

MSTR 31104: Complex Adaptive Systems for Emergency Preparedness and Homeland Security

MSTR 31105: Communication Strategies for Crisis Management

MSTR 31106: Crisis Leadership and Management

3 Elective courses

MSTR 32201: Public Health Surveillance and Investigation

MSTR 32202: Modeling and Simulation for Policy Analysis and Design

MSTR 32203: Critical Infrastructure Protection and Key Resources

MSTR 32204: Data Analytics for Emergency Response 1

MSTR 32205: Radiation, Chemical, and Biohazard Countermeasures - Essentials for Community Survival

MSTR 32206: Cyber Awareness

MSTR 32207: Technology Strategy and Information Systems

MSTR 32208: Data Analytics for Emergency Response 2

MSTR 32209: Infectious Diseases, Pandemics, and Emergency Management

MSTR 32210: Financial and Resource Planning for Risk and Crisis Managers

MSTR 32211: Business Continuity, Contingency, Resilience and Sustainability

MSTR 32212: Psychological, Social, and Behavioral Contexts of Emergency and Hazard Response

3 Capstone courses

MSTR 33301: Capstone Project 1: Proposal
MSTR 33302: Capstone Project 2: Research and Implementation
MSTR 33303: Capstone Project 3: Writing and Presentation

The University of Chicago is accredited by the Higher Learning Commission.

For more information contact:

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