

# Graduate Medical Sciences Master of Science in Healthcare Emergency Management



## Program Overview

The MS in Healthcare Emergency Management prepares individuals for a variety of crisis management leadership roles, including risk and crisis communications. Unique in its emphasis on biomedical sciences and healthcare, students in the program are able to complete coursework on campus or virtually, while also benefitting from field-based exercises that provide critical hands-on learning experiences. The program, which can be completed full-time in one year or part-time in two years, attracts students from around the world. Emphasizing the teamwork and collaboration requisite for professional success, the program produces highly sought-after graduates; many students have received job offers prior to completing the program. The average starting salary for recent graduates is \$78,000.

## Program Highlights

- The first program of its kind in the world
- Students can begin the 36-credit program in September or January and complete the program in either one or two years
- All classes are offered on campus and through a virtual classroom experience – the majority of students complete about 50% of the program's courses virtually, with a small percentage completing the program entirely online in order to accommodate work and life commitments
- Classes are taught by recognized experts in the fields of Emergency Management, Homeland Security, Disaster Relief, Incident Command and Simulation Modeling
- Students select several instructional field experiences from more than 50 offered around the world
- Participants have an opportunity to pursue paid internships for course credit
- Students complete a Research Practicum and Thesis, helping to improve global Crisis Management knowledge and practice
- High levels of mentoring and advising provided to support each student's success
- Scholarships are available to military and first responder personnel
- The degree is awarded by Graduate Medical Sciences at Boston University School of Medicine

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*I am currently employed at Stanford University in the Office of Emergency Management as a Program Coordinator. My primary role is to execute a campus-wide seismic mitigation project that will reduce the impact of an earthquake on essential campus operations by securing high value equipment. My MS-HEM is invaluable to this position.*

- Laura Harwood '10, M.S. in HEM

## Curriculum

The curriculum is designed to build strengths in five key areas:

- Crisis and disaster management including triage procedures and practices
- Incident and unified command and control methods and practices
- Risk communication including psychological and sociological impacts of crisis
- Crisis management for community-based medical care, services, and support systems
- Uses of modeling and simulation and risk planning methods and practices

### Fall Semester

Course	Credits
Physics of Natural and Man-made Hazards	3 credits
Medical Consequences of Natural and Man-made Hazards	3 credits
The Disaster Life Cycle	3 credits
Methods and Practices of Incident Command	3 credits
Experimental Design and Statistics	2 credits

### Spring Semester

Course	Credits
Psychology and Sociology of Disasters and Methods of Risk Communication	3 credits
Community Health and Emergency Management	3 credits
Principles, Methods, and Practices of Modeling and Simulation	3 credits
Ethical & Policy Issues in Health and Medical Services Emergency Management	3 credits
Directed Studies (Field experience)	2 credits
Research Practicum & Thesis: Designing Crisis Management Research	2 credits

**Summer Semester**

Course	Credits
Research Practicum & Thesis: Conducting Crisis Management Research	2 credits
Directed Studies (Field experience or hospital internship)	4 credits

**Admissions**

While admissions decisions are made on a rolling basis applications for the fall program start must be completed no later than April 1, and applications for the spring start must be completed by November 1.

Applicants must:

- Have a baccalaureate degree from an accredited university
- Demonstrate an interest or background in healthcare emergency management

International students must submit their TOEFL scores. To be admitted you will need at minimum a 550 score for the paper-based exam; a 213 score for the computer-based exam; an 84 for the internet-based exam.

To apply to the program, please visit <https://www.bumc.bu.edu/gms/admissions/>.

**Tuition, Financial Aid, and Student Resources**

For the most up to date information on tuition and fees please visit <https://www.bumc.bu.edu/gms/admissions/student-financial-services/>. The Financial Aid Office at Boston University School of Medicine is available to assist students in identifying sources of financial support and tuition remission, including graduate and research assistantships, fellowships, and federal loans.

The BU Office of Housing Resources provides information regarding housing, transportation, and Boston neighborhoods. For more details, visit <https://www.bumc.bu.edu/ohr/>.

**Contact****Patty Jones**

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