

# MASTER OF PUBLIC HEALTH



## DISASTER MANAGEMENT

The Institute for Disaster Management offers one of the nation's few Master of Public Health programs with a concentration in Disaster Management. The two-year MPH program is designed for students from varied backgrounds who wish to pursue a career in emergency preparedness, public health, or emergency management.

At IDM, experiential learning opportunities are at the core of our teaching principles. Applying hands-on skills, through training and disaster exercises, prepares our students to be the next generation of leaders throughout our community and across the world. Our multidisciplinary group of instructors have varying backgrounds and areas of expertise. This diversity enhances student instruction through all phases of disasters.

The MPH program with a concentration in Disaster Management includes obtaining numerous certifications from multiple organizations such as the Federal Emergency Management Agency, The National Disaster Life Support Foundation, the National Oceanic and Atmospheric Administration, and the Advanced Law Enforcement Rapid Response Training Center. These certifications provide learning opportunities, professional credentials, and enhanced job marketability following graduation.

All students must complete a 300-hour Applied Practice Experience or pass a culminating experience, capstone, in their last semester to graduate from the program. Students are admitted into the program each Fall semester, and classes are offered on the UGA Health Sciences Campus in Athens, Georgia.



**Institute for Disaster Management**

*College of Public Health*

**UNIVERSITY OF GEORGIA**

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## MPH CORE COURSES

***BIOS 7010 Introduction to Biostatistics I***

Introductory statistics with applications to medical and biological problems. Topics to be covered include biostatistical design in health research, data collection and management, and introductory concepts and methods of statistical data analysis.

***EPID 7010 Introduction to Epidemiology I***

Introduction of principles and methods of epidemiology, emphasizing study design. Measures of morbidity and mortality, data sources, observational and experimental designs, data interpretation, quantitative methods to determine risk associations, controlling for confounding factors, and applications of epidemiology will be covered. Community health, environmental epidemiology, infectious, noninfectious and chronic disease epidemiology are considered.

***EHSC 7010 Foundations of Environmental Health***

Fundamentals of environmental health, including biological and ecological processes; sources and effects of environmental stress and pollutants; and methods to control and minimize detrimental effects. Relevant material from ecology, genetics, natural resources, toxicology, and other fields will be used. We will stress scientific methods, evidence, long-term perspective, and critical thinking.

***HPAM 7010 Introduction to Health Policy and Management***

A detailed look at the organization and financing of the United States health care system. Topics include policy and management issues affecting patients, providers, and payers; the role of government in addressing cost, quality, and access; and the relationship between policy and management in their historical, economic, and political context.

***HPRB 7010 Social and Behavioral Foundations***

Examination of the conceptual and methodological approaches that social and behavioral sciences contribute to public health practice and research.

## DISASTER MANAGEMENT CORE

***DMAN 7100 Introduction to Disaster Management***

An in-depth overview of the principles of disaster management, including the history of disaster management, examination of the four phases of disaster management, introduction to federal emergency management functions, and basic disaster terminology.

***DMAN 7200 Disaster Management for Health Professionals***

In this course, students will receive hands-on training in disaster management and medicine. Students will receive requisite certifications necessary to engage effectively in disaster response. Additionally, real-world events and practical exercises will be utilized to further increase student knowledge of disasters and steps taken to prepare for, mitigate, respond to, and recover from disasters.

***DMAN 7400 Public Health Crises and Disaster Management***

Provide in-depth analysis of case studies involving large-scale national and international disasters.

***DMAN 7500 Understanding Terrorism and Homeland Security***

A multidisciplinary, comprehensive exploration of contemporary terrorism that helps develop knowledge and skills needed to critically assess terrorism and terrorist incidents.

## DISASTER MANAGEMENT ELECTIVES

### ***DMAN 7450 GIS and Disasters***

An in-depth look at emergency and disaster management with an emphasis on the roles of geographic information and geographic information systems. By the end of the course, students will gain an understanding of geospatial perspectives and technologies as they relate to the theory and application of disaster management approaches, including emerging trends and career opportunities.

### ***DMAN 7600 Disaster Policy, Law, and Ethics***

An in-depth examination and evaluation of current U.S. disaster policy, law, and ethical considerations. Content will address critical issues including: how Federalism influences disaster response, the legal impact of a declared Public Health Emergency, and contemporary ethical challenges that might be faced during disaster management.

### ***DMAN 7650 Disaster Mental Health Overview***

An overview of disaster mental health, including information about: traumatic stress brought on by disasters and the impact that has on individuals and communities; the role of the public mental health system; the importance of continuity of operations (COOP) to ensure that routine services continue and behavioral health support for disaster survivors and responders is provided; disaster mental health skills and interventions; various disaster mental health training models that are used; and the importance of self-care for all disaster responders.

### ***DMAN 8900 Special Topics in Disaster Management (independent study)***

Group advanced study, reading, or projects in disaster management under the direction of graduate faculty.

### ***DMAN 8910 Problems in Disaster Management (independent study)***

Research or intensive study in a specialized area of disaster management under the direction of a faculty member.

## OTHER REQUIREMENTS

### ***Professionalism in Public Health (PBHL 7460, 1 hour)***

Through a series of professional development exercises, graduate students are exposed to competencies related to communication and professional development. Students are expected to produce resumes, writing assignments, and professional online presence. Students develop an e-portfolio and proposal for the applied practice and integrative learning experiences occurring in the final semester.

### ***Applied Practice Experience (PBHL 7560, 8 hours)***

Student practicum advisement, practice, and applied integrative learning experience. Throughout two consecutive semesters, students will be expected to have completed a placement proposal, practicum hours, and various capstone products.

