

GRADUATE CERTIFICATE



DISASTER MANAGEMENT

The Graduate Certificate in Disaster Management provides students with an understanding of the principles of disaster management. Students receive advanced training in planning, mitigating, responding and recovering from human-made and natural disasters to improve health outcomes and reduce property losses in affected regions around the world.

The certificate program is open to current graduate students in any discipline, provided the student has a satisfactory academic and/or professional background. Post-baccalaureate individuals not currently enrolled in a graduate program may be admitted as non-degree graduate students.

The certificate requires the DMAN 7100 – Introduction to Disaster Management and DMAN 7200 – Disaster Management for Health Professionals, along with one additional DMAN core course (a total of 9 core hours), and 9 hours of elective credits.



Institute for Disaster Management

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CORE COURSES

Students must take the following two courses, plus one additional DMAN core course, (a total of 9 hours) to be eligible to receive a certificate in disaster management.

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. Certifications will include Stop the Bleed and Basic Disaster Life Support. 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.

Choose One of the Following (3 Hours):

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

Students are required to take 9 hours of elective coursework and may choose from the approved courses below. Note that not all courses will be offered each semester and inclusion upon this list does not indicate that a course will be offered in the future. Prior approval by the host department may be required to enroll in some courses. (NOTE: Only one DMAN independent study course will count towards the certificate.)

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.



ELECTIVE OPTIONS

EHSC 6400 – Environmental Issues in the Developing World
 EHSC 6910 – Introductory Toxicology
 EHSC 8110 – Fundamentals of Chemical and Microbial Risk Assessment
 EHSC 8220 – Predictive Toxicology Using Mathematical Models
 EHSC 8250 – Biomarkers: Public Health, Clinical, and Environmental Toxicology Applications
 EHSC 8400 – Occupational and Environmental Disease
 EHSC 8510 – Environmental Risk Assessment and Communication
 EHSC 8710 – Issues in Biosafety and Biosecurity
 EHSC 8930 – Chemical Toxicology
 EPID 8515/8515L – Modeling Infectious Diseases
 EPID 8610 – Principles and Practices in Global Epidemiology
 GEOG 6370 – Geographic Information Science
 HADM/PHRM 8670 – Economic Evaluation in Health Care
 HPAM 8500 – Comparative Global Health Care Systems
 HPAM 8700 – Management of Public Health Organizations
 HPAM 8800 – Leadership in Public Health
 HPRB/SPCM 6610 – Health Communication
 HPRB 7470 – Program Evaluation in Health Promotion and Health Education
 INTL 8200 – Special Topics in International Relations
 INTL 8210 – International Organizations
 INTL 8230 – International Conflict
 INTL 8280 – Nationalism and Ethnic Conflict
 INTL 8290 – Strategic Intelligence
 JRMC 7355 – Health and Medical Journalism
 JRMC 7356 – Advanced Health and Medical Journalism
 JRMC/SPCM 7611 – Health Advocacy in a Multicultural Society
 JRMC/SPCM 7612 – Medical Interviewing and Information Dissemination
 JRMC 8160 – Special Topics in Public Relations (usually Media and Public Health)
 JRMC/SPCM/PBHL 8165 – Public Health Communication
 JRMC 8170 – Risk Communication
 PADP 7360 – Managing Government Performance
 PADP 7500 – Local Government Management
 PADP 7540 – Productivity Improvement in Local Government
 PADP 7900 – Managing Volunteers in the Public and Nonprofit Sectors
 PBHL 8100 – Current Topics in Public Health
 PBLH/SPCM/JRMC 8165 – Public Health Communication
 PBHL/MIBO/PHSI 8260 – Global Perspectives on Tropical and Emerging Infectious Diseases (1 hr)
 POLS 9200 – Intelligence and National Security
 SPCM 6310 – Communication Strategies in Government
 SPCM/HPRB 6610 – Health Communication
 SPCM/JRMC 7611 – Health Advocacy in a Multicultural Society
 SPCM/JRMC 7612 – Medical Interviewing and Information Dissemination
 SPCM 8610 – Seminar in Health Communication
 SPCM/PBHL/JRMC 8165 – Public Health Communication

