Emergency Preparedness Concentration
Master of Public Health Program

1. Concentration Description and Learning Objectives
2. Listing of Concentration Required Elective Courses
3. Listing of Concentration Approved Selectives

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Public Health Emergency Preparedness Concentration

The emergency preparedness concentration is designed to provide a graduate level education to the public health workforce, including public health professionals, physicians, registered nurses, allied health care providers, hospital executives, public safety personnel, and emergency management officials. The program will use multiple and diverse educational programs at the university to highlight the educational interface between public health, emergency medicine, the "science" of bioterrorism, politics, and organizational needs required to understand and prepare for disasters and associated potential mass casualties.

Learning Objectives
Students pursuing the Emergency Preparedness Concentration will:

1) Demonstrate the understanding of model leadership in emergency conditions
2) Communicate and manage information related to an emergency
3) Demonstrate the mastery of the use of principles of crisis and risk management
4) Use research and/or evaluation science methodologies and instruments to collect, analyze and interpret quantitative and qualitative data
5) Employ ethical principles in the practice of public health emergency preparedness
6) Demonstrate an understanding of the protection of worker health and safety

Course Listing

Required Core Principles (Students must take all 3)
CMH 7640: Principles of Emergency Management
CMH 7650: Public Health Crisis and Consequence Management Techniques (Pre-req. CMH 7640)
CMH 7660: Public Health Terrorism Preparedness: Critical Infrastructure and Emergency Management

Approved Concentration Electives (Students may select to fulfill selective requirements)
CMH 7130: Using Geospatial Technologies in Public Health
CMH 7150: Applied Epidemiology
CMH 7160: Advanced Statistical & Epidemiology Methods Using SPSS
CMH 7310: Public Health Ethics & Policy
CMH 7410: Community Assessment
CMH 7430: Health Awareness & Advocacy Communications
CMH 7510: Strategic Leadership in Health Care
CMH 7520: Problems in Health Care
CMH 7710: Global Health
CMH 7720: Global Health Systems
FIN 7500: Financial Management of Health Service Organizations
MBA 7500: Leadership and Ethics
PTX 8100: Applications to Medical Chemical, Radiological & Nuclear Defense
Public Health Emergency Preparedness Concentration

PTX  8120: Case Studies for Biological and Chemical Defense
PTX  8210: Applications to Medical Biological Defense, Principles of Toxicology

NOTE: Other pertinent University courses can be included with the review and permission of the concentration director.

See online Graduate Catalog for course detail.