

## **Programmatic Competencies for the MPH in Public Health Preparedness and Terrorism**

In addition to the overall Master of Public Health degree core competencies, Master of Public Health in Preparedness and Terrorism will be able to:

- Understand the historical evolution of terrorism and identify factors that serve as motivations for terrorism groups;
- Describe the potential public risks of chemical, biological, radiological, nuclear, and explosives terrorism and major natural disasters;
- Define the role of public health in preparing for and responding to chemical, biological, radiological, nuclear, and explosives terrorism;
- Effectively educate the public on the public health aspects of preparedness and emergency response;
- Effectively communicate risk and exchange information with colleagues, practitioners, clients, policy-makers, interest groups, media and the public;
- Demonstrate a working knowledge of the major public health issues related to communicable and non-communicable diseases;
- Describe the pathophysiology and natural history of diseases that are major causes of morbidity and mortality;
- Recognize the clinical signs and common treatment modalities for psychological effects in a disaster setting;
- Function effectively within an organization and be an effective team player;
- Describe the organization of the Disaster Preparedness and Incident Command system in all-hazards disaster response;
- Recognize and appreciate legal and ethical issues posed by response to terrorism and natural disasters.