

PUBLIC HEALTH PREPAREDNESS (PHP)

PHP 510: Public Health Preparedness for Disaster and Terrorist Emergencies II

3 Credits

A public health perspective on the preparation necessary to develop a coordinated response to a disaster or terrorist emergency.

Prerequisite: permission of the instructor

PHP 527: Public Health Evaluation of Disasters and Bioterrorism

3 Credits

Introduces students to the design of exposure assessment and health effect studies applicable to disasters and terrorism.

Prerequisite: permission of the instructor

PHP 594: Research Topics

1-15 Credits/Maximum of 15

Supervised student activities on research projects identified on an individual or small-group basis.

Prerequisite: Completion of at least 15 credits in the program or permission of the instructor.

PHP 596: Individual Studies

1-9 Credits/Maximum of 9

Creative projects, including nonthesis research, which are supervised on an individual basis and which fall outside the scope of formal courses.

PHP 597: Special Topics

1-3 Credits/Maximum of 9

Formal courses given on a topical or special interest subject which may be offered infrequently, several topics may be taught in one year or term.

PHP 810: Non-Medical Obstacles to Public Health Responses

3 Credits

This course will enable students to study obstacles outside of traditional pharmaceutical interventions that have major influences on the success or failure of public health responses. Despite their importance, these impediments are typically studied retroactively instead of being a major component of pre-planning and execution considerations. This course will use a series of case studies to explore Non-Medical Obstacles (NMOs) including security, logistics, communications, and social/cultural issues. Specific areas of focus will be their impact, policy implications, their past mitigation strategies, and future planning opportunities. These NMOs translate across diseases and countries so when their impacts are better understood and incorporated into the planning of future public health responses, it will be possible to provide more effective and efficient care to populations in need.

PHP 830: Critical Infrastructure Protection of Health Care Delivery Systems

3 Credits

This course will enable students to systematically evaluate the critical infrastructure and related vulnerabilities of a hospital or health care system, and then use the knowledge and skills to develop an emergency response plan to mitigate disruption to health care delivery. The course uses an all-hazard approach which would be appropriate for various natural or terrorist events. The course focuses upon the protection of all healthcare delivery for an individual hospital and for a defined residential population. The content includes a review of critical infrastructures, assessment of vulnerabilities, application to a simulated rural/urban county with multiple hospitals, and development of a feasible response to the incident or terrorism. The course stresses advanced preparation, communication, and frequent evaluation of plans. The course also examines the relationship between the healthcare delivery system and the local, state, and federal emergency response agencies in addition to their particular roles relative to disasters and terrorist emergencies.

Prerequisites: PHP 410
Cross-Listed

PHP 831: Public Health Preparedness and the Emergency Operations Plan

3 Credits

Teaches fundamentals of emergency preparedness exercises (i.e. orientation, tabletop, drill, functional and full scale exercises).

Prerequisite: PHP 530

PHP 832: Fundamentals of Biorisk Management

3 Credits

This course covers the principles, methods, and competencies for developing, improving, and evaluating a biorisk management system.

PHP 897: Special Topics

1-9 Credits/Maximum of 9

Formal courses given on a topical or special interest subject with a professional orientation that may be offered infrequently; several different topics may be taught in one year or semester