

FAST FACTS: Certificate *Public Health & Emergency Response*



Graduate Certificate Program *Public Health and Emergency Response*



Description: The 12-credit graduate certificate program *Public Health and Emergency Response* focuses on the characteristics and human health impacts of biological, chemical and radiological agents; personal protective equipment and decontamination; site monitoring instrumentation and methods; epidemiological investigation and surveillance; and, applicable regulatory standards and recommended professional guidelines for incident recognition, response, and control.

Rationale: Federal, State and Local governments have indicated a need for public health departments and hospitals to increase the number of personnel with education and training in epidemiology, hazardous materials, and emergency recognition and response. This is a result of increased emphasis on domestic homeland security, including preparation for terrorist incidents, and concerns for actual and/or potential emergence of new pathogenic variants and related potential for infectious diseases (e.g. SARS; influenza H5N1 virus). Public health department and hospital personnel and other responders have been either encouraged or required to have at least an awareness level (and often a higher level) of education and training in emergency response relative to all-hazards disaster preparedness for natural, accidental, or intentional incidents. Completion of this graduate certificate program will: (1) help address the increased need for a basic and advanced level of applied education and training; and, (2) increase the expertise and preparedness of public health and clinical personnel and other responders for incident recognition, response, and control.

Course Delivery: The graduate certificate program is very accessible to individuals who want additional academic education and training at the graduate-level. All courses are offered via a combination of conventional classroom, laboratory (if applicable), and Web-based modes. Required on-campus sessions at the UT Health Science Campus (former Medical University of Ohio) are offered either weeknights (i.e. 5:15pm-9pm) or on Saturdays (i.e. 8:15am-12pm or 12:45pm-4:30pm). Each course during the term offered, typically requires meeting on-campus 8 sessions per term (on alternating weeks) plus completion of off-campus Web-based modules. (Note: The courses required for the certificate program are already offered as part of the curricula for the ASAC-ABET accredited 40 credit MS Occupational Health (MSOH) and CEPH accredited Master of Public Health (MPH) degree programs. Credits may be applied toward the degree programs, depending on major, for those who continue advanced study beyond the certificate.)

Additional Information: <http://hsc.utoledo.edu/med/pubhealth/index.html>

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12-credit <i>Public Health & Emergency Response</i>	
Courses	Credits
PUBH600/800 Biostatistics (Summer, Fall <u>or</u> Spring)	3
PUBH601/801 Public Health Epidemiology (Summer, Fall <u>or</u> Spring)	3
PUBH526 Hazardous Materials & Emergency Response (Fall)	3
... plus select <u>one</u> of the following:	
PUBH531 Chemical Agent Toxicity, Evaluation and Control (Fall)	3
PUBH552 Biological Agent Pathogenicity, Evaluation and Control (Summer)	
PUBH603/803 Advanced Epidemiology (Summer)	
PUBH570 Risk Assessment (Summer)	
PUBH612/812 Infectious Disease Epidemiology (Fall)	
TOTAL CREDITS	12

Admission Requirements:

- Completed application form <http://utoledo.edu/graduate/prospectivestudents/admission/index.html> plus \$45 Application Fee
- Official transcript of bachelor, professional (e.g., dental; medical), or graduate degree
- Minimum Grade Point Average 3.0/4.0 for "Regular" admission or 2.5 to <3.0/4.0 for "Provisional" admission
- Two letters of recommendation. (Note: Only one letter of recommendation from advisor for current UT graduate and medical students or department chairperson for faculty members and residents)
- Apply by or before April 18 for Summer, July 15 for Fall, or November 18 for Spring admission. (Note: Those who are interested in only taking one or two courses may apply for "Special Status" admission instead of "Regular" admission.)