

# GRADUATE CERTIFICATE IN PUBLIC HEALTH EMERGENCY RESPONSE

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Certificate in Public Health and Emergency Response students take the following courses.

Code	Title	Hours
PUBH 5260	Haz Mat and Emerg Response	3
PUBH 6000	Quantitative and Qualitative Data Analysis in Public Health	3
PUBH 6010	Public Health Epidemiology	3
Select one of the following:		3
PUBH 5310	Chemical Agents and Exposure Assessment	
PUBH 5520	Biological Agents	
PUBH 5700	Risk Assessment	
PUBH 6030	Advanced Epidemiology	
PUBH 6120	Epidemiology Infectious Diseases	
<b>Total Hours</b>		<b>12</b>

- PLO 1. Apply fundamental and advanced principles of statistics, epidemiology, environmental health science, and occupational health science to real-world public health issues and problems.
- PLO 2. Objectively and subjectively assess chemical, biological, and physical agents classified as hazardous to human health.
- PLO 3. Conduct fundamental sample collection of media contaminated with hazardous chemical, biological, and physical agents.
- PLO 4. Critically analyze and interpret statistical, epidemiological, toxicological, and communicable disease information for prevention and remediation program development and implementation.
- PLO 5. Collect and evaluate applicable information to conduct disaster preparation/planning.