

Graduate Certificate in Public Health

Program Student Learning Outcomes

With regards to the profession and science of public health, students graduating with a Graduate Certificate in Public Health will be able to:

- Explain public health history, philosophy, and values.
- Identify the core functions of public health and the 10 Essential Health Services.
- Explain the role of quantitative and qualitative methods and sciences in describing and assessing a population's health.
- List major causes and trends of morbidity and mortality in the U.S. or other community relevant to the school or program.
- Discuss the science of primary, secondary, and tertiary prevention in population health, including health promotion, screening, etc.
- Explain the critical importance of evidence in advancing public health knowledge.

With regards to factors related to human health, students graduating with a Graduate Certificate in Public Health will be able to:

- Explain effects of environmental factors on a population's health.
- Explain biological and genetic factors that affect a population's health.
- Explain behavioral and psychological factors that affect a population's health.
- Explain the social, political and economic determinants of health and how they contribute to population health and health inequities.
- Explain how globalization affects global burdens of disease.
- Explain an ecological perspective on the connections among human health, animal health, and ecosystem health (e.g., One Health).