

# PUBLIC HEALTH GRADUATE CREDIT CERTIFICATE PROGRAM

---

## Learning Outcomes

### Evidence-based Approaches to Public Health

- Apply epidemiological methods to the breadth of settings and situations in public health practice.
- Select quantitative and qualitative data collection methods appropriate for a given public health context.
- Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate.
- Interpret results of data analysis for public health research, policy or practice.

### Public Health & Health Care Systems

- Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings.

### Planning & Management to Promote Health.

- Assess population needs, assets and capacities that affect communities' health.
- Apply awareness of cultural values and practices to the design or implementation of public health policies or programs.
- Select methods to evaluate public health programs.

### Policy in Public Health

- Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence.
- Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes.
- Advocate for political, social or economic policies and programs that will improve health in diverse populations.
- Evaluate policies for their impact on public health and health equity.

### Communication

- Select communication strategies for different audiences and sectors.
- Communicate audience-appropriate public health content, both in writing and through oral presentation.
- Describe the importance of cultural competence in communicating public health content.

### Systems Thinking

- Apply systems thinking tools to a public health issue.