

# CERTIFICATE IN PUBLIC HEALTH

## Program Directors

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## Certificate Description

Public health has grown to encompass many disciplines and to focus on disease prevention in communities and across healthcare settings. The Graduate Certificate in Public Health provides foundational skills and knowledge in public health for those who wish to create healthier communities.

## Admission Requirements

Applicants are required to have an undergraduate grade-point average of at least 3.0 (on a 4.0 scale). Applicants with a cumulative undergraduate grade point average of 2.99-2.75 will be required to submit an official report of the Graduate Record Examination (General Test) scores for admission consideration.

COURSE	TITLE	S.H.
MPH 6901	Public Health Concepts	3
MPH 6904	Biostatistics in Public Health	3
MPH 6902	Social and Behavioral Sciences in Public Health	3
MPH 6903	Epidemiology in Public Health	3
MPH 6905	Health Services Administration in Public Health	3
MPH 6906	Policy and Environmental Health Sciences in Public Health	3
<b>Total Semester Hours</b>		<b>18</b>

## Certificate Learning Outcomes

1. Apply epidemiological methods to the breadth of settings and situations in public health practice
2. Select quantitative and qualitative data collection methods appropriate for a given public health context
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate
4. Interpret results of data analysis for public health research, policy or practice
5. Apply behavioral theories/models in the development of community health promotion and intervention programs as well as select research programs
6. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
7. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels
8. Assess population needs, assets and capacities that affect communities' health

9. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs
10. Design a population-based policy, program, project or intervention
11. Explain basic principles and tools of budget and resource management
12. Select methods to evaluate public health programs
13. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence
14. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes
15. Advocate for political, social or economic policies and programs that will improve health in diverse populations
16. Evaluate policies for their impact on public health and health equity
17. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making
18. Apply negotiation and mediation skills to address organizational or community challenges
19. Select communication strategies for different audiences and sectors
20. Communicate audience-appropriate public health content, both in writing and through oral presentation
21. Describe the importance of cultural competence in communicating public health content
22. Perform effectively on interprofessional teams
23. Apply systems thinking tools to a public health issue