Bachelor of Science in Public Health Program Competencies

School Of Public Health BS Public Health Competencies

1. Understand historical milestones in the public health and how they influence current practice.
2. Explain disease processes from a biological, environmental, social and behavioral perspective.
3. Identify the role of health disparities in studying the health needs of communities and improving population health.
4. Describe how data and study design methodology are utilized in quantifying public health problems.
5. Communicate public health approaches, messages, and findings effectively both orally and in writing.

CONCENTRATIONS COMPETENCIES

General Public Health Competencies
1. Describe the implementation and evaluation cycle of public health programs
2. Contrast the goals of maximizing population health as compared to treating individuals.

Environmental Health Competencies
1. Explain the toxicological basis for environmental and occupational agents in disease.
2. Apply environmental justice principles and ethical thinking to environmental and occupational settings.
3. Communicate to various audiences how occupational and environmental health professionals protect worker and public health.

Global Health Competencies
1. Compare and contrast the burden of disease, socio-economic determinants of health, and political and health care systems organization and impact in low- and middle-income countries (LMIC) to the United States
2. Identify key elements of interdisciplinary approaches to the analysis of national and global determinants of health and disease as well as interventions and their cost effectiveness to eliminate or control diseases in LMIC