

Public Health (PH)

Courses

PH 101. Introduction to Public Health. 3 Credits.

This course introduces undergraduate students to the interdisciplinary and exciting field of public health. Discussing and studying the processes and practices of public health enhances the population health perspective of healthcare and other professionals.

PH 700. Preventing and Managing Chronic Illness. 3 Credits.

This course will explore the effects of chronic health issues on individuals, families, and lay caregivers from a public health and clinical systems perspective. PH students only.

PH 704. Leading and Managing Public Health Systems. 3 Credits.

A pragmatic study of the issues, constituents, processes, and tools of public health leadership and management.

PH 705. Global Health. 3 Credits.

This course will survey the health of populations globally and introduce strategies, programs and health systems designed to improve the health of those populations. Prereq: Admission to PH program.

PH 710. Healthcare Delivery in the United States. 3 Credits.

Introduction to health professions, health care delivery systems, financing, health promotion, and behavioral issues.

PH 712. Health Outcomes Research. 3 Credits.

This course provides PH students enrolled in the public health in clinical systems track with the skills and tools necessary to assess studies and conduct basic assessment in a variety of health care settings. Prereq: PH 731 and PH 751.

PH 720. Environmental Health. 3 Credits.

Analysis of key concepts, principles, and applications of the primary natural and social science disciplines that underpin the core of environmental health.

PH 731. Biostatistics. 3 Credits.

This core course introduces the selection, use and interpretation of basic statistical tests and concepts that may be used in addressing, analyzing and solving problems in public health, biomedical and health care research.

PH 735. Principles of Infectious Disease Management I. 3 Credits.

The course is the first part of a two-part series that will provide a foundational overview of the major infectious diseases that have a significant impact on public health.

PH 736. Principles of Infectious Disease Management II. 3 Credits.

The course will build on PH 735, Principles of Infectious Disease Management I and focus on the epidemiology, clinical presentation, treatment, and control of the major communicable diseases. Prereq: PH 735.

PH 741. Social and Behavioral Sciences in Public Health. 3 Credits.

Foundation knowledge and competencies in applying social and behavioral sciences theories and methods to public health problems.

PH 751. Essentials in Epidemiology. 3 Credits.

Emphasis on application of the principles of epidemiology as applied to the investigation and prevention of individual and population health problems.

PH 752. Advanced Topics in Epidemiology. 3 Credits.

Distribution and dynamics of disease in populations, and factors contributing to the costs of foodborne illness and its prevention.

PH 755. Integrating Primary Care and Public Health. 3 Credits.

This course explores the intersections of public health and primary care and their roles in addressing personal and population health issues. Prereq: PH students only.

PH 765. Cultural Competence in Health Professions. 3 Credits.

The purpose of this course is to provide education and skill building that will enable students to effectively utilize cultural and linguistic competence as a key tool to improve health outcomes and understanding of communication for diverse populations. PH students only.

PH 771. American Indian Health Policy. 3 Credits.

The course will provide a detailed overview of the unique policy issues that form the legal basis for provision of public health and healthcare services to American Indians and Alaska Natives. Prereq: Admission to the PH program.

PH 772. American Indian Health Disparities. 3 Credits.

The course will provide a detailed overview of the basis for and regional differences in American Health Disparities. Strategies to reduce disparities will be highlighted. Prereq: Admission to the PH program.

PH 773. Cultural Competence in Indian Health. 3 Credits.

The course will provide a detailed overview of numerous American Health Cultures in the United States and Canada. Cultural aspects of health and strategies to develop culturally appropriate health programs will be highlighted. Prereq: Admission to PH program.

PH 774. Research Issues in Tribal Communities. 3 Credits.

This course will provide a detailed overview of the numerous unique considerations for conducting health-related research in tribal communities. These issues include tribal sovereignty, tribal approval processes, historical distrust of research, and cultural factors. Prereq: Admission to PH program.

PH 775. Case Studies in Indian Health. 3 Credits.

This course will provide an overview of several case studies in American Indian and Alaska Native Health that have been successfully implemented. The cases will be examined to determine what worked, why it worked, and challenges in developing successful programs. Prereq: Admission to the PH program.

PH 789. Integrative Learning Experience. 3 Credits.

Students must complete an integrative learning experience (ILE) that demonstrates synthesis of foundational and concentration competencies selected based on student's educational and professional goals.