

Public Health (PHLT)

Courses

PHLT 1310 Foundation to Public Health: 3 semester hours.

This course introduces the student to the health education profession. Roles and responsibilities of health educators in a variety of occupational settings are described.

PHLT 2325 Biostatistics: 3 semester hours.

The purpose of the course is to teach fundamental concepts and techniques of descriptive and inferential statistics with applications in health care, medicine, public health, and epidemiology. Basic statistics, including probability, descriptive statistics, inference for means and proportions, and regression methods are presented. The analytic methods and applications will be linked to topics including health promotion, epidemiology, and program evaluation.

PHLT 3312 Health Policy & Health Systems: 3 semester hours.

This course presents an introduction to health policy, i.e., the various ways in which the government plays a role in health and in the provision of health care. Health policies can have a profound effect on quality of life. Accessibility, cost, quality of health care; safety of food, water, and environment; the right to make decisions about our health; these issues are vitally tied to health policies.

Prerequisites: PHLT 1310.

PHLT 3320 Determinants of Health and Health Disparities: 3 semester hours.

This course examines how social, economic, environmental, and cultural and lifestyle factors contribute to differences in morbidity and mortality among racial and ethnic minorities. Students will also examine social determinants of population health.

Prerequisites: PHLT 1103.

PHLT 3324 Epidemiology: 3 semester hours.

This course provides an introduction to the fundamental definitions, terminology, concepts, methods, and critical thinking used in epidemiology. It will help student to identify and describe patterns of disease occurrence using scientific approach.

Prerequisites: PHLT 1310 or MATH 1103 and (ENGL 1123 or ENGL 1301).

PHLT 4302 Global Health: 3 semester hours.

This course examines major global health challenges, program and policies. Students will be introduced to a diversity of health and disease. The course will explore global health priorities such as poverty, health inequality, health system reforms, major global initiatives for disease prevention and health promotion.

Prerequisites: PHLT 1310.