

PUBLIC HEALTH (PUBH)

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PUBH 300 Introduction to Public Health (3 Credit Hours)

Public health is the science of preventing disease and protecting and promoting the health of populations and communities. Through interactive exercises and application of concepts, this course considers its history; ethical principles; scientific foundation and tools; biomedical bases; socioeconomic and behavioral factors; environmental issues; and relationship to medical care.

Course equivalencies: X -PUBH 300/ ENVS 300

Outcomes:

Describe the history, core concepts, functions, and methods of public health; Define health disparities and explain how they are produced; Synthesize public health information and communicate it effectively

PUBH 301 Health and the Environment (3 Credit Hours)

This course is designed as an introduction to the field of environmental health, including regulations, research, disease prevention, and advocacy.

Course equivalencies: X-ENVS301/PUBH301/MBPH401

Outcomes:

Students will be able to outline approaches for assessing and controlling environmental hazards that affect community health and discuss major local, national, and global health challenges

PUBH 303 Introduction to Epidemiology (3 Credit Hours)

Epidemiology is the study of the distribution and determinants of disease in populations and remains the basic science of public health. The objective of this course is to familiarize students with the range of tools used to conduct epidemiologic analysis, including study design and measures of association.

Course equivalencies: X- PUBH 303/ENVS 303/MPBH 403

Outcomes:

Apply epidemiological methods to public health problems; select appropriate quantitative data collection, study designs, and analytical methods; apply adjustment techniques; and calculate measures of association; and interpret and communicate results

PUBH 304 Health Behavior and Health Promotion (3 Credit Hours)

This introductory course is designed to provide students with a foundation in behavioral theory as applied to public health practice, including health education and health promotion. Health education strategies will be examined from the perspective of health literacy, cultural competency, and adult learning behaviors among other dynamics.

Outcomes:

Describe a range of health behavior theories and frameworks commonly incorporated into public health interventions on the individual, interpersonal, and community level

PUBH 305 Public Health Communication (3 Credit Hours)

This course will teach students effective use of health literacy and health communication tools, including the use of mass media, online social media, and health professions' communication with patients in clinical settings.

Outcomes:

Students will be able to develop communication tools such as infographics and brief web-based videos and evaluate public health information

PUBH 306 Critical Thinking in Public Health (3 Credit Hours)

This course is designed to prepare students to make reasoned, intelligent decisions about public health matters by learning about and practicing how to think, read, write, and speak critically.

Outcomes:

Be able to evaluate the credibility of sources of information, scrutinize arguments, recognize biases in oneself and in others, and take a stand on public health issues and support it

PUBH 307 Foundations of Public Health Policy (3 Credit Hours)

Provides students with theoretical frameworks to understand public health policy issues, introduces public policy making processes, and enables students to analyze position papers on policy topics. Drawing from law, economics, political science, ethics and epidemiology, the course provides students with the knowledge and skills to understand policy-making processes.

Course equivalencies: PUBH 307/MPBH 407

Outcomes:

Explain how federal, state, and local health policy is formulated, implemented and evaluated; Assess the balance between the public good and individual rights in the policy process in public health

PUBH 310 Public Health Internship (3 Credit Hours)

This practical internship course will integrate theory, where students will unpack the complexities of Public Health and gain an understanding of the roles and responsibilities of professionals. Careers in Public Health are multidimensional, students will integrate real world experience reflecting on experiences of leadership, health equity, community engagement, and professional development.

This course satisfies the Engaged Learning requirement.

Outcomes:

Integrate academic internship experience with course curriculum academic content through critical reflection of leadership theory and development; assess leadership identity, leadership behavior, and civic role in a public health framework

PUBH 314 Global Public Health (3 Credit Hours)

This course is an introduction to global public health and focuses on health disparities on the international level. The course addresses the determinants, consequences and trends of infectious and non-communicable disease, maternal and child health, and refugee and migrant health in low-and-middle-income countries.

Course equivalencies: X-HSM210/PUBH314/ENVS385

Outcomes:

Students will be able to discuss major current global public health issues, identify effective and ineffective aspects of international public health programs, and create context-specific health promotion materials

PUBH 399 Public Health Capstone Experience (3 Credit Hours)

This course is a cumulative, integrative and scholarly or applied experience or inquiry project. It may include internships, service-learning projects, senior seminars, portfolio projects, or research paper. The project provides the opportunity for students to demonstrate proficiency in effective communication skills through a written report and oral presentation.

This course satisfies the Engaged Learning requirement.

Outcomes:

Demonstrate in written report and oral presentation the knowledge and skills acquired during the undergraduate program through selected projects which translate gained information into public health practice, including research