

PHCH-PUBLIC HEALTH AND COMMUNITY HEALTH

PHCH 2013 Introduction to Public and Community Health

3 Credit Hours

Introduction to fields of public and community health, including principles of population health, determinants of health, prevention of disease and disability, public health institutions and systems, essential health services, the US healthcare system, health policy, and the role of advocacy and politics in public health. (F, Sp)

PHCH 3113 Introduction to Epidemiology

3 Credit Hours

Prerequisite: ENGL 1213 or EXPO 1213; PHCH 2013 or concurrent enrollment. Principles of epidemiology, the systematic approach to collecting and evaluating information on distributions of health outcomes in populations; history of epidemiology, descriptive epidemiology, epidemiologic methods, association and causation, evidence-based public health and applications. (F)

PHCH 3213 Health Policy, Law, and Ethics

3 Credit Hours

Prerequisite: ENGL 1213 or EXPO 1213; PHCH 2013 or concurrent enrollment. Examines the legal and ethical dimensions of public health, preparing students to make informed, ethical decisions in arenas such as policy development, clinical care, research, environmental health, occupational health, resource allocation, and genetics. (Sp)

PHCH 3313 Health Data and Statistics

3 Credit Hours

Prerequisite: ENGL 1213 or EXPO 1213; PHCH 2013 or concurrent enrollment. Introduction to the basic concepts, methods, and tools of public health data collection, use, and analysis. Specific topics may include biostatistical and epidemiological methods, informatics, and the use, management, and dissemination of big data. (Sp)

PHCH 3413 Health Communication

3 Credit Hours

Prerequisite: ENGL 1213 or EXPO 1213; PHCH 2013 or concurrent enrollment. Explores key concepts and strategies of communication specific to public health, including risk communication, the use of mass media for health communication, and evaluation of public health communication effectiveness. (F)

PHCH 3513 Public Health & Healthcare Systems

3 Credit Hours

Prerequisite: ENGL 1213 or EXPO 1213; PHCH 2013 or concurrent enrollment. Designed to introduce students from multiple disciplines to the fundamental characteristics of health care systems; the organization, financing, and delivery of services in the US health care system; the role of prevention and other non-medical factors in population health outcomes; key management and policy issues in contemporary health systems; and the process of public policy development. (F, Sp)

PHCH 3613 Determinants of Health

3 Credit Hours

Prerequisite: ENGL 1213 or EXPO 1213; PHCH 2013 or concurrent enrollment. Explores key social determinants of health, including: socioeconomic status, race/ethnicity, neighborhood environments, social relationships, and political economy. Mechanisms through which these factors are hypothesized to influence health, such as stress and access to health resources and constraints, will be discussed, as well as the ways in which these mechanisms can operate across the lifecourse. (F, Sp)

PHCH 3960 Honors Reading (HONORS)

1-3 Credit Hours

1 to 3 hours. Prerequisite: Admission to Honors Program; May be repeated; maximum credit six hours. Consists of topics designated by the instructor in keeping with the student's major program. The topics will cover materials not usually presented in the regular courses. (F, Sp, Su)

PHCH 3980 Honors Research

1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program. May be repeated; maximum credit six hours. Provides an opportunity for the gifted Honors candidate to work at a special project in the student's field. (F, Sp, Su)

PHCH 4013 Community Health Capstone

3 Credit Hours

Prerequisite: PHCH 2013, senior standing, and 9 additional hours of PHCH coursework. Integrates knowledge and skills developed in previous coursework to prepare students to become impactful community health practitioners. Students will work in groups to develop, implement, and evaluate a community health project. (Sp) [V].

PHCH 4103 Environmental Health

3 Credit Hours

Prerequisite: Admission to BPH degree program or permission of instructor. The effects of environment on health. Consideration is given to urban water supply and wastewater disposal, air quality control, solid and hazardous wastes, and sanitation. No students may earn credit for both PHCH 4103 and OEH 5013. (Sp)

PHCH 4106 Cumulative and Experiential Public Health Activities

6 Credit Hours

Prerequisite: Admission to BPH program. Provides students with opportunities to integrate, synthesize, and apply knowledge through cumulative and experiential activities. Students will complete a cumulative applied or scholarly experience that may include either (a) an internship with a local-level public health professional and/or agency or (b) a faculty- mentored research project. (F, Sp)

PHCH 4113 Public Health Capstone

3 Credit Hours

Prerequisite: Admission to Bachelors of Public Health Program; senior standing. A specialized project-based culminating course for students accepted to the Bachelor's of Public Health program. Students will use knowledge and skills they have developed in their major to complete a project to address a specific public health issue. (Sp) [V].

PHCH 4960 Directed Readings

1-4 Credit Hours

1 to 4 hours. Prerequisite: good standing in University; permission of instructor and dean. May be repeated; maximum credit four hours. Designed for upper-division students who need opportunity to study a specific problem in greater depth than formal course content permits. (Irreg.)

PHCH 4970 Special Topics/Seminar

1-3 Credit Hours

1 to 3 hours. Prerequisite: Senior standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)

PHCH 4990 Independent Study

1-3 Credit Hours

1 to 3 hours. Prerequisite: three courses in general area to be studied, permission of instructor and department. May be repeated; maximum credit six hours. Contracted independent study for topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (F, Sp, Su)