

# PUBLIC HEALTH (PH)

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## PH 443G Health Problems of the Aged 3 Hours

Covers ecological factors affecting human health and longevity, current health problems, and research on health and disease as they relate to the aged.

*Recent Term(s) Offered: None*

## PH 444G Death Education 3 Hours

Man's relationship to death and dying, coming to terms with eventual death, coping with death of loved ones and with fear of death. Includes suicide prevention. Note: Field trips are required. Three hours of social or behavioral science required.

*Recent Term(s) Offered: None*

## PH 447G Human Values/Health Sciences 3 Hours

Analysis of the difficult ethical, legal, and social dilemmas confronting the health care delivery system, patients, medical practitioners, and other health care professionals in contemporary American society. Note: Appropriate background in the social, behavioral, biological, or allied health sciences required.

**Prerequisite(s):** PH 261 and PH 381

*Recent Term(s) Offered: None*

## PH 450G Rural Health and Safety 3 Hours

Students will explore a variety of health and safety issues unique to rural populations. The interdisciplinary team concept will be used throughout the course to foster collaboration that facilitates sharing of the expertise of the students and faculty. One Saturday meeting will be required for a team building activity.

*Recent Term(s) Offered: None*

## PH 461G Comprehensive School Health Program 3 Hours

Examination and application of the components of the comprehensive school health program. Discussion of the role of administrators, teachers, counselors and health service personnel in conducting, coordinating and evaluating the comprehensive school health program. Includes visitation in public schools.

**Prerequisite(s):** PH 381

*Recent Term(s) Offered: None*

## PH 465G Health/Safety/Elementary School 3 Hours

Nature and purpose of school health and safety in the elementary school, including curriculum development, instructional content areas, appraising students' health, and evaluation.

*Recent Term(s) Offered: None*

## PH 467G Drug Abuse Education 3 Hours

A drug abuse education and prevention course designed to provide current and documented information about abused substances. Includes study of the development, implementation and evaluation of drug prevention programs in the home, school, community and workplace.

**Prerequisite(s):** PH 100 or equivalent

*Recent Term(s) Offered: None*

## PH 468G Sexuality Education 3 Hours

Emphasis in this course is on planning, implementation and evaluation of school and community sexuality education programs. Health and policy issues which affect sexuality and sexual behavior are addressed along with analysis of contemporary health issues with sexual dimensions.

*Recent Term(s) Offered: fall 2022*

## PH 501 Research Methods 3 Hours

Methods, materials, techniques, and planning of research studies used and conducted by the profession.

*Recent Term(s) Offered: fall 2021*

## PH 520 Biostatistics for Public Health 3 Hours

Application of statistical theory and principles in public health and related disciplines. Emphasis is placed on developing and testing hypotheses, utilizing appropriate statistical methodology, and the use of appropriate technology.

*Recent Term(s) Offered: winter 2021; spring 2021; summer 2021; fall 2021; spring 2022; summer 2022; fall 2022; spring 2023; summer 2023; fall 2023*

## PH 530 Selected Topics/Independent Study 1-6 Hours (repeatable max of 6 hrs)

With faculty guidance, students select and explore a topic of interest in public health.

**Prerequisite(s):** permission of instructor

*Recent Term(s) Offered: spring 2021; summer 2021; fall 2021; spring 2022; fall 2022; winter 2023; spring 2023; summer 2023; fall 2023*

## PH 546 Graduate Internship 1-6 Hours (repeatable max of 6 hrs)

Supervised, applied field experience with various agencies, organizations, facilities, industries, and businesses with health-related missions or programs. Placement must be approved prior to registering. Off campus travel required.

**Prerequisite(s):** permission of instructor

*Recent Term(s) Offered: fall 2021; spring 2022*

## PH 548 Community Organizing in Public Health 3 Hours

Application of strategies and skills to address underlying social, political, and economic factors that affect public health, including policy-making, community organization and mobilization, leadership, advocacy, negotiation, and communication.

*Recent Term(s) Offered: spring 2021; fall 2021; spring 2022; fall 2022; spring 2023; summer 2023; fall 2023*

## PH 564 Public Health Issues in Women's Health 3 Hours

Examines social, economic, environmental, behavioral and political factors that influence women's health, as viewed from a public health perspective.

*Recent Term(s) Offered: winter 2022; summer 2022; summer 2023*

## PH 567 Admn Compr School Health Program 3 Hours

Management and coordination of policies, procedures, activities and resources designed to promote and protect the health and well being of students and staff. Includes administration of family resource and youth service centers, and coordination of school health education, healthful environment, and health services.

*Recent Term(s) Offered: None*

## PH 568 Public Health Approaches to STD/HIV Prevention 3 Hours

A study of the most common sexually transmitted infections, including infection with the human immunodeficiency virus, and their complications, with special emphasis on prevention and control. Topics include STI/HIV counseling and testing, partner notification, and the development of educational interventions for target populations.

*Recent Term(s) Offered: None*

**PH 572 Practice of Drug Abuse Prevention 3 Hours**

Examines the epidemiology of the use and abuse of alcohol, tobacco, and other drugs. In addition, there will be in-depth study of relevant prevention science as applied to school and community settings. The course will be a didactic presentation of material, with substantial engagement activities for students.

*Recent Term(s) Offered: None*

**PH 575 Program Planning in Public Health Practice 3 Hours**

Methods of assessing population needs, assets and capacities that affect communities' health and translating findings into designing a population-based program, project, or intervention.

**Prerequisite(s):** PH 587

*Recent Term(s) Offered: spring 2021; summer 2021; fall 2021; spring 2022; summer 2022; fall 2022; spring 2023; fall 2023*

**PH 576 Public Health Education and Communication Techniques 3 Hours**

Provide concepts and skills in using education and communication techniques in public health promotion programs. Discuss policy advocacy and principles of effectively interacting with community constituents influential in health promotion programs.

*Recent Term(s) Offered: spring 2021*

**PH 578 Health Inequities 3 Hours**

Analysis of social, economic, and political structures that create health inequities in marginalized and minority populations. Application to program planning and policy analysis.

*Recent Term(s) Offered: spring 2021; spring 2022; fall 2022; spring 2023*

**PH 580 Public Health Foundations and Practice 3 Hours**

Comprehensive examination of public health foundations, including philosophy, purpose, history, organization, and functions and activities of public health at the global, national, state and community levels. Application of systems thinking to public health practice.

*Recent Term(s) Offered: spring 2021; fall 2021; spring 2022; fall 2022; spring 2023; fall 2023*

**PH 581 Applied Methods in Public Health Practice/Field Epidemiology 3 Hours**

Application of methods, tools, and techniques utilized by public health practitioners and other related professionals to identify, develop, and assess population-based interventions and outbreak investigations.

*Recent Term(s) Offered: spring 2021; fall 2021; spring 2022; fall 2022; spring 2023; fall 2023*

**PH 582 Epidemiology 3 Hours**

Apply epidemiological methods to settings and situations in public health practice. Emphasizes problem solving and interpretation.

*Recent Term(s) Offered: winter 2021; spring 2021; summer 2021; fall 2021; winter 2022; spring 2022; summer 2022; fall 2022; winter 2023; spring 2023; summer 2023; fall 2023*

**PH 583 Public Health Administration 3 Hours**

Advanced concepts of organization, administration and management of public health agencies and programs.

*Recent Term(s) Offered: summer 2021; summer 2022; summer 2023*

**PH 584 Principles of Environmental Health 3 Hours**

A study of the traditional, emerging and controversial issues associated with environmental health. Biological, chemical and physical threats to human health are included.

*Recent Term(s) Offered: spring 2021; summer 2021; fall 2021; summer 2022; fall 2022; spring 2023; summer 2023; fall 2023*

**PH 585 Global Health 3 Hours**

Analysis of current issues in global health and strategies to address them.

*Recent Term(s) Offered: spring 2023*

**PH 586 Violence Prevention 3 Hours**

An examination of the nature and extent of family, school and community violence, the psychosocial and biological roots, past efforts to prevent and control violence, and principals of violence prevention.

*Recent Term(s) Offered: None*

**PH 587 Health Behavior Theory 3 Hours**

Applications of concepts and theories used in social and behavioral sciences to identify and conceptualize interventions to public health problems.

*Recent Term(s) Offered: spring 2021; summer 2021; fall 2021; spring 2022; summer 2022; fall 2022; spring 2023; summer 2023; fall 2023*

**PH 588 Public Health Capstone 3 Hours**

Integrative learning experience that synthesizes core MPH courses into an applied practice experience, within the classroom, addressing a current issue in public health.

**Prerequisite(s):** permission of instructor

*Recent Term(s) Offered: summer 2021; spring 2022; summer 2022*

**PH 591 Health Program Evaluation 3 Hours**

Application of methods and techniques to evaluate public health programs.

**Prerequisite(s):** PH 587 and (PH 520 or PH 620) or permission of instructor

*Recent Term(s) Offered: spring 2021; summer 2021; fall 2021; spring 2022; fall 2022; spring 2023; fall 2023*

**PH 598 Applied Research in Public Health 1-3 Hours (repeatable max of 6 hrs)**

Synthesis and application of MPH competencies to investigate and address public health issue.

**Prerequisite(s):** permission of instructor

**Restriction(s):** Enrollment is limited to students in Public Health (152)

*Recent Term(s) Offered: spring 2023; fall 2023*

**PH 599 Thesis Research/Writing 3-6 Hours (repeatable max of 6 hrs)**

Thesis research and writing directed by faculty committee.

*Recent Term(s) Offered: None*

**PH 600 Maintain Matriculation 1 Hour (repeatable max of 6 hrs)**

Continued enrollment for program completion.

*Recent Term(s) Offered: spring 2021; fall 2022*

**PH 620 Advanced Biostatistics 3 Hours**

Advanced techniques to analyze and interpret quantitative data and make inferences for public health practice.

**Prerequisite(s):** PH 520 or equivalent

*Recent Term(s) Offered: spring 2021; spring 2022*

**PH 630 Advanced Epidemiology 3 Hours**

Application of advanced epidemiologic principles for population-based decision-making.

**Prerequisite(s):** PH 582

*Recent Term(s) Offered: fall 2021; fall 2022; fall 2023*

**PH 631 Contemporary Topics in Epidemiology 3 Hours** (repeatable max of 9 hrs)

Examines and explores contemporary issues and methods in epidemiology.

**Prerequisite(s):** PH 582

*Recent Term(s) Offered: spring 2023*