Public Health (P_HLTH)

P_HLTH 1000: Introduction to Public Health
Acquaints students with the Public Health profession including educational preparation, public health careers, current issues, trends, and research. Graded on A-F basis only.
Credit Hour: 1

P_HLTH 3450: Introduction to Epidemiology
(same as HLTH_SCI 3450). Epidemiology is the basic science of Public Health, focusing on the study of distribution and determinants of health-related states and events. The purpose of this course is to gain a basic understand of Epidemiology principles and methods and how to use these as a framework in assessing and addressing population health issues. Employing a mix of lecture, discussion, and assignments, students will explore the epidemiological investigation process, the etiology of disease, disability, and death, how to identify population subgroups with increased risk of disease, disability, and death and how to contribute to the development and evaluation of public health programs and services that improve the health of subgroups at risk and the general population. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Acceptance into the Public Health Program or by Department Consent

P_HLTH 4001: Topics in Public Health
Organized study of selected topics. Subjects will vary from semester to semester. Graded on A-F basis only.
Credit Hour: 1-6
Prerequisites: Restricted to Public Health Science Majors during preregistration

P_HLTH 4002: Public Health Study Abroad
This course is designed for students to explore various public health issues through the global lens of study abroad. Public health is a diverse career field that touches every aspect of life and connects a global community through the mission of serving the public good. Public health issues are intertwined and complicated by culture, governments, and environmental systems. Each study abroad trip will uniquely address issues specific to the country of origin. Graded on A-F basis only.
Credit Hour: 1-6

P_HLTH 4085: Problems in Public Health
Individual study, topic/problem varies by instructor. Graded on A-F basis only.
Credit Hour: 1-6
Prerequisites: Instructor's Consent

P_HLTH 7150: Principles of Public Health
This course provides an overview of public health, including concentration areas of public health systems, epidemiology, social and behavioral determinants of health, environmental health, and public health policy. Case studies from local, state, national and international public health issues are incorporated into each segment, culminating in a discussion of the future of public health.
Credit Hours: 3

P_HLTH 7160: Interdisciplinary Perspectives in Global Health
This course is designed for those interested in health issues from a global perspective. It explores contemporary issues, problems, and controversies in global health through an interdisciplinary perspective. This course will follow a lecture and case study discussion format. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Department consent required

P_HLTH 7751: Psychosocial Function and Older Adults
(same as ARCHST 7650, F_C_MD 7751, HMI 7751, H_D_FS 7751, NURSE 7751, P_HLTH 7751 and SOC_WK 7751). This course takes an interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A-F basis only.
Credit Hours: 3

P_HLTH 7800: Public Health Campaign Successes and Failures
Explains public health campaigns from assessing needs to planning and implementing interventions, as well as taking lessons learned from previous public health campaigns to create strategies that increase the likelihood of success and reduce the chance of failure. Graded on A-F basis only.
Credit Hours: 3

P_HLTH 7850: Mental Health Policy
This course is an introductory survey of the principles and practice of mental health policy, beginning with its early history and continuing to the present day. Topics will include the nature of mental illness, its incidence and prevalence, mental health stigma, policy concerns related to mental health finance, the process of policy making, involvement of mental health care consumers in the policy process, and mental health in health policy reform. The needs of special populations including the homeless, persons in the criminal justice system, ethnic/minority groups, persons living in rural areas and veterans will be examined as well as needs specific to children and the elderly. Students are also expected to understand mental health policy considerations related to current health care reform and ethical issues in the practice of mental health policy. Graded on A-F basis only.
Credit Hours: 3

P_HLTH 7952: Research Methods in Public Health
This course is designed to introduce students to the process of research as a sequence of events, systematically organized to further knowledge. A scientific and conceptual stance to knowledge development is emphasized, along with the importance of the empirical approach in establishing relationships between theories, concepts, and behavior phenomena. May be repeated for credit.
Credit Hours: 3

P_HLTH 8001: Topics in Public Health
Selected topics of interest related to Public Health.
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Credit Hour: 1-3

P_HLTH 8085: Problems in Public Health
Guided readings, intensive study of an area in Public Health related to special interest of student or an area in which the student needs to strengthen.

Credit Hour: 1-99
Prerequisites: instructor's consent. May be repeated for credit.

P_HLTH 8090: Masters Thesis Research
 Leads to preparation of masters thesis. May only be repeated for credit for six hours. Graded on S/U basis only.

Credit Hour: 1-99
Prerequisites: P_HLTH 8980. Instructor's consent required.

P_HLTH 8120: Applied Epidemiology in Community Assessment
The purpose of this course is to enable students to gain skills and abilities in assessing population groups and determining their priority public health problems. Students will consider a variety of strategies for empowering and mobilizing populations in collaborative public health efforts. Communication skills are key to the community assessment and intervention process, particularly in translating epidemiological data to lay audiences, and advocating for action. Students will be challenged to communicate public health issues effectively both on-line and in writing. Graded on A-F basis only.

Credit Hours: 3
Prerequisites or Corequisites: P_HLTH 7952
Prerequisites: P_HLTH 8420, Graduate level Statistics (STAT 7020 or STAT 7410)

P_HLTH 8150: Human Health and the Environment
This graduate level course will address threats to public health related to environmental factors including biological, physical and chemical factors. Subjects will include environmental contamination and remediation, zoonotic disease food and water quality. This course will include recorded lectures with optional synchronous participation. Lectures will be recorded live and students will have the option to virtually attend live lecture, but this will not be required. Lecture recordings are archived for students to view at their convenience. Graded on A-F basis only.

Credit Hours: 3

P_HLTH 8251: Immigrant Health
Public health professions have considerable interest in understanding the unique health concerns of immigrants, in order to prevent disease, promote health, and prolong life in this specific population and in the population as a whole. This course will be based on readings in the peer-reviewed literature, discussion in a seminar format, community visits and observations/interviews, and guest speakers on topics of importance when considering issues of public health particular to immigrant communities. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: instructor's consent.

P_HLTH 8260: Emergency Preparedness
An overview of current national guidance and basic assessment of the current health care system level of readiness focusing on the critical role of the health care system for community, regional, state, and nationally based emergency preparedness efforts. Graded on A-F basis only.

Credit Hours: 3

P_HLTH 8270: Storytelling in Public Health and Public Policy
Storytelling for public health and public policy offers students an opportunity to become familiar with the literature and theoretical frameworks underlying the use of narrative and digital storytelling in public health and policy advocacy and public health interventions focused on behavior change. Students will review case studies of effective narrative communication and practice elements of effective storytelling in a variety of print and digital platforms. Graded on A-F basis only.

Credit Hours: 3

P_HLTH 8300: Health Care in the United States
(same as PUB_AF 8172). Overview of financing, structure, and outcomes in the U.S. health care system. Contemporary health care issues, policy, and politics will be addressed. May be repeated for credit. Graded on A-F basis only.

Credit Hours: 3

P_HLTH 8400: Clinical Veterinary Regulatory Medicine and Public Health
(same as V_M_S 8400). The goal of this course is to familiarize the student with clinical aspects of veterinary public health/regulatory medicine. Must be enrolled in MPH (veterinary public health concentration) or DVM curriculum.

Credit Hours: 2

P_HLTH 8420: Principles of Epidemiology
This course is intended to provide a general introduction to the course epidemiological concepts and methods as grounded in the essential services of public health. The focus of the course is on developing critical thinking skills and providing a foundation in applied epidemiologic competencies. May be repeated for credit. Graded on A-F only.

Credit Hours: 3
Prerequisites: graduate level statistics; instructor's consent.

P_HLTH 8460: Emerging Zoonoses Diseases
This course will enhance student understanding of epidemiology and ecology as it relates to emerging and established zoonotic diseases. Risk factors for the emergence of and mechanisms for control and prevention of zoonotic diseases will be discussed. Course will involve individual and group assignments, use of discussion board, and several blackboard collaborate sessions. Blackboard collaborate sessions (time is TBA) will be held throughout the semester as an introduction to course modules and for help sessions. Students must have audio capability (microphone and speakers) for the course. Built in microphones and speakers work nicely, an inexpensive headset helps screen out background noise. If your computer does not have a build in microphone, an inexpensive one can be purchased at an electronics/computer store. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: P_HLTH 8420 or V_PBIO 8455 and P_HLTH 8150.
**P_HLTH 8625: Data Analysis for Health Researchers**
The goal of this course is to introduce students to the systematic approach to data analysis, statistical computing, correct interpretation and presentation of results. Note that mathematical equations or their derivations forms are not emphasized. However, candidates taking this course are required to have a basic understanding of the epidemiologic and statistical principles and data analysis. The course is not expected to convert you into an expert data analyst within 16 weeks but upon completing the course, you will have acquired skills needed to analyze and interpret cohort, case-control and cross-sectional studies by cross tabulations, stratification, and regression. In addition, you will be able to build and interpret findings from complex multivariable models after controlling for confounding. Graded on A-F basis only.

**Credit Hours:** 3  
**Prerequisites:** P_HLTH 8420 or V_PBIO 8455, STAT 7020

**P_HLTH 8767: Epidemiology of Vaccine-Preventable Diseases**
This course is designed to provide a basic overview of epidemiology by exploring issues regarding various vaccine-preventable diseases (VPDs) and immunization program policies. Participants will learn about VPDs, while gaining skills in epidemiology, the science of public health. Graded on A-F basis only.

**Credit Hours:** 3

**P_HLTH 8920: Social and Behavioral Sciences in Public Health**
(same as PSYCH 8920). This course will take both a theoretical and a practical approach to understanding health-related behavior and the field of public health. Students will gain an understanding of theory and empirical research in the social and behavioral sciences, as well as developing practical skills in critically evaluating research and in applying scientific evidence to address real world health concerns.

**Credit Hours:** 3

**P_HLTH 8953: Evaluating Global Public Health Programs**
This course is designed to prepare students to evaluate global public health programs, preferably in developing countries. Students will identify a global public health issue, find one or more global health intervention or prevention programs, evaluate the programs using principles of evaluation research methods, and suggest implications for global public health promotion. Graded on A-F basis only.

**Credit Hours:** 3  
**Prerequisites:** P_HLTH 7952 or P_HLTH 8420

**P_HLTH 8970: Public Health Capstone**
As an integrating experience, the Public Health Capstone will allow students to articulate and share what they have learned in coursework and to supplement previous learning by exploring areas of knowledge the students identify as most relevant to their readiness for professional practice. It will enable students to test theoretical knowledge against real life practical experiences, and to integrate and refine basic and advanced concepts, values, and methods acquired during the professional education.

**Credit Hours:** 3

**P_HLTH 8971: Veterinary Public Health Capstone**
This capstone experience provides a unique set of opportunities and responsibilities. It is generally scheduled after completion of at least 2 semesters of the MPH curriculum and is designed to serve as a capstone experience integrating previous coursework and experiences. Exceptions to the requirement of completion of 2 semesters of MPH coursework will be granted for students who have completed or concurrent degree. Examples of relevant preparatory coursework will include epidemiology and veterinary public health. As an integrating experience, the capstone will require students to apply knowledge in an independent manner, integrate knowledge into cohesive production, and communication the results of this experience.

**Credit Hour:** 1-99  
**Prerequisites:** completion of at least 2 semester of MPH curriculum

**P_HLTH 8980: Public Health Internship**
The field experience, or internship, is an opportunity for the student to test many of the theories, concepts, and information about public health learned during the first year and translate them into practice. Using the internship site as the "organizational laboratory," the student begins to develop the necessary professional skill sets for becoming a successful public health professional. The current knowledge, skills, abilities, and experiences will continue to develop and grow as each student becomes a life-long learner and practitioner of public health. Graded on S/U basis only.

**Credit Hour:** 1-99