

# MPH-MASTER OF PUBLIC HEALTH (MPH)

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## **MPH 500. Orientation to Public Health** **3 Credits**

Introduction to the historical and contemporary perspectives of public health theory and practice. Includes an investigation of public health as a discipline, a profession, and the programmatic attempts to improve health status.

## **MPH 510. Community and Psychosocial Aspects of Public Health** **3 Credits**

Social, behavioral, and educational aspects of disease prevention and health promotion programs. Restricted to MPH majors.

## **MPH 515. Introduction to Gerontology** **3 Credits**

Social, psychological, and physiological aspects of aging with an interdisciplinary emphasis on health promotion. Demographic characteristics of the aging population.

## **MPH 520. Biostatistical Applications in Public Health** **3 Credits**

Quantitative methods for public health students including tabular, graphical, and numerical descriptive methods, random sampling, principles of statistical inference, confidence intervals, statistical tests of hypothesis through analysis of variance and regression. Restricted to MPH majors.

## **MPH 530. Epidemiological Approaches to Disease Control and Prevention** **3 Credits**

Basic epidemiological principles applicable to infectious and noninfectious disease. Descriptive techniques and analytic designs, and application of statistical and epidemiological investigation methods included. Restricted to MPH majors.

## **MPH 540. Health Services System: Administration and Organization** **3 Credits**

This course focuses on using a systems approach to identify and analyze factors and interrelationships that influence the operation of health services organizations. Specific attention is to administrative structures and operations, finance and quality among public health departments, hospitals, multi-institutional systems, integrated health systems and strategic alliances. May be repeated up to 3 credits. Restricted to MPH majors.

## **MPH 541. Principles of Health Program Management** **3 Credits**

This course prepares the student to assume a supervisory role in the management of health and human services programs. The course will cover essential management functions such as leadership, organizational assessment, planning, decision-making, organizational structure, budgeting, marketing, and human resource management. May be repeated up to 3 credits. Restricted to MPH majors.

## **MPH 545. Health Services Organization and Delivery** **3 Credits**

This course includes the framework of the United States healthcare system; organization and administration of health services; alternate ways of organizing and financing health systems; the roles of the government and free market on health care services; and the barriers to health services delivery. May be repeated up to 3 credits. Restricted to MPH majors.

## **MPH 546. Public Health Finance and Budget Management** **3 Credits**

Introduces health care accounting and finance to non-financial students. Students are exposed to the financial structure of health care organizations and the environment within which they operate. Instruction also introduces the use of accounting and financial information in investor-owned and not-for-profit organizations in the health care industry. Topics include understanding the creation and interpretation of financial statements, financial accounting and reporting requirements, financial analysis, budgeting, and resource allocation. May be repeated up to 3 credits. Restricted to: MPH majors.

## **MPH 547. Public Health Law and Ethics** **3 Credits**

This course examines major legal and ethical concepts and their impact on public health policy and practice. The course examines governmental authority, at various jurisdictional levels, to improve public health. This course will focus on public health law in the United States. May be repeated up to 3 credits. Restricted to: MPH majors.

## **MPH 550. Environmental Public Health Issues** **3 Credits**

Environmental health issues from a public health perspective. Restricted to MPH majors.

## **MPH 557. Health Promotion for the Older Adult** **3 Credits**

Common health concerns and lifestyle issues relevant to older adults. Facts about the content area, health behaviors, and practices to promote health and prevent disease; program development strategies applicable to a variety of settings.

## **MPH 558. Public Health Policy Analysis** **3 Credits**

Covers issues related to U.S.-health policy and allocation of resources. Examination of local, state, and federal public health and health care funding. Assessment of impact of health policy on health education, medical practice, and the workplace. May be repeated up to 3 credits. Restricted to: MPH majors.

## **MPH 559. Infectious and Noninfectious Disease Prevention** **3 Credits**

History, etiology, and prevention of diseases affecting humans. Consent of Instructor required. Crosslisted with: PHLS 459.

## **MPH 560. American Indian Health** **3 Credits**

Critical health issues facing American Indians in the contemporary world. May be repeated up to 3 credits. Crosslisted with: PHLS 460.

## **MPH 561. Health Disparities: Determinants and Interventions** **3 Credits**

Investigates: descriptions of health disparities and measurement issues; physical environmental factors, behavioral and emotional variables; impact of aging of the populations, increased racial and ethnic diversity, and technological developments; intervention strategies and evaluation results. May be repeated up to 3 credits. Crosslisted with: PHLS 461.

## **MPH 562. Hispanic Health Issues** **3 Credits**

Cultural differences that aid or hinder communication with Hispanic clients and the application of cross-cultural communication skills. Some field trips may be required. May be repeated up to 3 credits. Crosslisted with: PHLS 462.

**MPH 564. Cross-Cultural Aspects of Health****3 Credits**

An examination of health practices from a variety of cultural perspectives; communication, observation, research, and assimilation. Issues to be addressed will be examined from a number of viewpoints, such as individual, family, community, and professional roles. May be repeated up to 3 credits. Crosslisted with: PHLS 464V.

**MPH 565. International Health Problems****3 Credits**

Comparison of domestic health programs and problems with those in other parts of the world; emphasis on political parameters and delivery processes. Additional attention is focused on the health issues of the U.S.-Mexico border. May be repeated up to 3 credits. Crosslisted with: PHLS 465.

**MPH 566. International Health Practicum****1-3 Credits**

Intensive examination of health practices and beliefs from a cultural perspective. Focus on health structure, index of diseases, morbidity, mortality and epidemiological approaches to planning. Required travel (personal travel, lodging, and related expenses are extra). May be repeated up to 3 credits. Crosslisted with: PHLS 466.

**MPH 567. Rural Health Issues****3 Credits**

Comprehensive overview of rural health services with southwestern United States and New Mexico focus. Crosslisted with: PHLS 467.

**MPH 568. Coping with Loss and Grief: A Cross-Cultural Perspective****3 Credits**

A cross-cultural perspective to death, loss and grief. Hospice philosophy of caring for the dying will be included. May be repeated up to 3 credits. Crosslisted with: PHLS 468.

**MPH 569. U.S.-Mexico Border Health Issues****3 Credits**

Interdisciplinary analysis of the impact of living conditions and health issues of communities along the U.S.-Mexico border and of the strategies and initiatives to address these issues. Problem-based learning, case analysis, lecture, guest speakers, computer based instruction, and field trips. May be repeated up to 3 credits. Crosslisted with: PHLS 469.

**MPH 570. Foundations of Public Health Education****3 Credits**

Social, behavioral, and educational aspects of disease prevention and health promotion. Includes history and theoretical basis of health education.

**MPH 571. Health Informatics****3 Credits**

The application of technology to engage communities and individuals in behavioral and environmental change processes. The course will focus on the use of technology to describe the magnitude of health problems and their sources; analyze risk factors; identify community strengths from which strategies may be defined and tools created to intervene, prevent problems, and promote health and well-being; and continuously evaluate, refine, and implement what works. May be repeated up to 3 credits. Crosslisted with: PHLS 471.

**MPH 572. Techniques of Health Communication/Education****3 Credits**

Application of a wide range of communication and education theories/methods, including program planning and evaluation, in public health programming. Restricted to: MPH majors.

**Prerequisite(s):** MPH 510.

**MPH 573. Community Organization in Public Health****3 Credits**

Strategies for identifying and involving community leaders, community needs assessment, small area analysis and planning, and community-level development strategies. Restricted to: MPH majors.

**Prerequisite(s):** MPH 510.

**MPH 574. Health Program Planning****3 Credits**

Covers process of successful public health education program planning and grant writing. Restricted to: MPH majors.

**Prerequisite(s):** MPH 510.

**MPH 575. Methods of Community Health Education****3 Credits**

Responsibilities of health educators, analysis of social forces affecting health needs, application of wide range of health education methods and instructional media, and program implementation skills. Crosslisted with: PHLS 475.

**Prerequisite(s):** MPH 510.

**MPH 576. Theoretically-Based Interventions****3 Credits**

Identifying and developing interventions to problematic health-related behaviors. May be repeated up to 3 credits. Crosslisted with: PHLS 476. Restricted to: MPH majors.

**Prerequisite(s):** MPH 510.

**MPH 578. Evaluative Approaches in Public Health****3 Credits**

Survey and analyses of health testing and evaluation procedures, uses and limitations of knowledge and attitude tests, behavioral inventories, check lists, questionnaires, interviews, and other techniques. Restricted to: MPH majors.

**Prerequisite(s):** MPH 520.

**MPH 579. Research and Resources in Community Health****3 Credits**

Exploration of available public health research studies, data, results and implications. Restricted to MPH majors.

**Prerequisite(s):** MPH 520.

**MPH 581. Public Health Preparedness and Response****3 Credits**

This course is designed to teach students about the role of public health in emergency preparedness and response. It focuses on the nature of public emergencies as well as the role various sectors have in responding to them. One purpose of this online course is to introduce students to the basics of disaster preparedness and responding to disasters, and to build a base for further development in responder training. The course provides training and resources for a basic understanding of the Incident Command System (ICS) and National Incident Management System (NIMS). May be repeated up to 3 credits. Crosslisted with: PHLS 481.

**MPH 586. Special Topics****3 Credits**

Specific subjects to be announced in the Schedule of Classes. May be repeated up to 12 credits. Restricted to: MPH majors.

**MPH 590. Independent Study****1-6 Credits**

Individual studies with prior approval of department head. May be repeated for a maximum of 6 credits. May be repeated up to 6 credits. Consent of Instructor required.

**MPH 593. Adulthood and Aging****3 Credits**

Normal transitions in later life; those occurring from 40 years of age to the end of life are discussed. Changes in interpersonal relationships and adaptations commonly made by individuals and meeting those alterations are presented through research findings, case studies, and autobiographies.

**MPH 596. Field Experience****1-4 Credits**

Student will work in a public health setting under the supervision of an experienced public health professional and will use acquired knowledge and skills to conduct a project which addresses a specific public health problem or program need. Projects are agreed upon by the student and faculty. May be repeated for a maximum of 4 credits. Restricted to MPH majors.

**Prerequisite:** consent of department head.

**MPH 597. Graduate Public Health Seminar****1 Credit**

Inter-professional Education Seminar for MPH students.

**MPH 599. Master's Thesis****1-6 Credits**

Minimum of 4 credits required but may be repeated for a maximum of 6 credits. May be repeated up to 6 credits. Consent of Instructor required. Thesis/Dissertation Grading.