

2009 MPH Course Descriptions

MPH 500. Orientation to Public Health 3 cr. 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 cr. Social, behavioral, and educational aspects of disease prevention and health promotion programs. "Restricted to MPH Majors".

MPH 515. Introduction to Gerontology 3 cr. Social, psychological, and physiological aspects of aging with an interdisciplinary emphasis on health promotion. Demographic characteristics of the aging population. Same as GERO 415.

MPH 519. Review of Analytical Procedures in Health Sciences 2 cr. Introduction of some of the important analytical techniques required in succeeding courses. Prerequisites: HL S 451; and enrollment in MPH program or consent of instructor.

MPH 520. Biostatistical Applications in Public Health 3 cr. 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 cr. 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 cr. 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. "Restricted to MPH Majors". Main Campus only.

MPH 550. Environmental Public Health Issues 3 cr. Environmental health issues from a public health perspective. "Restricted to MPH Majors".

MPH 553. Occupational Health 3 cr. Identification, control, and prevention of occupational diseases and injuries. Field trips outside of class will be scheduled.

MPH 554. Environmental Epidemiology 3 cr. Covers thematic and research aspects, as well as methodological issues related to environmental health and epidemiology, along with international and

national priorities. Prerequisites: MPH 530 and MPH 550. Same as HL S 454 with differentiated assignments for graduate students.

MPH 556. Biological Aspects of Aging 3 cr. Aging - the developmental process of the body determined by cellular changes influenced by lifestyle genetics, and environment. Investigates these changes, how health promotion influences them and when they are considered a disease. Same as GERO 456.

MPH 557. Health Promotion for the Older Adult 3 cr. 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. Same as GERO 450.

MPH 558. Public Health Policy Analysis 3 cr. 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. Same as HL S 458. Prerequisite: MPH 540 or consent of instructor.

MPH 559. Infectious and Noninfectious Disease Prevention 3 cr. History, etiology, and prevention of diseases affecting humans. Prerequisite: HL S 395 or HLS 470. Same as HL S 459 with differentiated assignments for graduate students.

MPH 560. American Indian Health 3 cr. Critical health issues facing American Indians in the contemporary world. Same as HL S 460.

MPH 561. Health Disparities: Determinants and Interventions 3 cr. 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. Same as HL S 461.

MPH 562. Hispanic Health Issues 3 cr. Cultural differences that aid or hinder communication with Hispanic clients and the application of cross-cultural communication skills. Some field trips may be required. Same as HL S 462 with differentiated assignments for graduate students.

MPH 563. Interdisciplinary Seminar 3 cr. Problem-based approach to case study analysis designed to instill a broader appreciation of health issues and multidisciplinary collaboration. May be repeated for a maximum of 6 credits under different subtitles. Same as CHSS 463, HL S 463 with differentiated assignments for graduate students.

MPH 564. Cross-Cultural Aspects of Health 3 cr. 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.

MPH 565. International Health Problems 3 cr. 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. Same as HL S 465 with differentiated assignments for graduate students.

MPH 566. International Health Practicum 1-3 cr. 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). Same as HL S 466 with differentiated assignments for graduate students.

MPH 567. Rural Health Issues 3 cr. Comprehensive overview of rural health services with southwestern United States and New Mexico focus. Prerequisite: HL S 395 or MPH 500. Taught with HL S 467.

MPH 568. Coping with Loss and Grief: A Cross-Cultural Perspective 3 cr. A cross-cultural perspective to death, loss and grief. Hospice philosophy of caring for the dying will be included. Same as HL S 468 with differentiated assignments for graduate students.

MPH 569. U.S.-Mexico Border Health Issues 3 cr. 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, Web-CT based instruction, and field trips. Same as HL S 469.

MPH 570. Foundations of Public Health Education 3 cr. Social, behavioral, and educational aspects of disease prevention and health promotion. Includes history and theoretical basis of health education. "Restricted to MPH Majors". Prerequisite: MPH 510.

MPH 571. Microcomputer Applications in Health Education 3 cr. Health risk appraisal testing and other software applications, information retrieval systems, on-line database literature searches, and other resource identification methodologies. Same as HL S 471 with differentiated assignments for graduate students.

MPH 572. Techniques of Health Communication/Education 3 cr. 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: MPH 570.

MPH 573. Community Organization in Public Health 3 cr. 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: MPH 570.

MPH 574. Program Planning, Evaluation, and Research 3 cr. Covers process of successful public health education program planning and evaluation, research methods, and grant writing. "Restricted to MPH Majors". Prerequisite: MPH 570.

MPH 575. Methods of Community Health Education 3 cr.
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. Prerequisites: MPH 570 or concurrent enrollment. Taught with HL S 475.

MPH 576. Theoretically-Based Interventions 3 cr. Identifying and developing interventions to problematic health-related behaviors. Prerequisite: MPH 570. Taught with HL S 476.

MPH 577. Worksite Health Promotion 3 cr. Provides a practical applied overview of the concepts and activities used in health promotion at the worksite. Specific emphasis on health promotion planning, implementation and evaluation strategies. Same as HL S 477 with differentiated assignments for graduate students.

MPH 579. Research and Resources in Community Health 3 cr.
Exploration of available public health research studies, data, results and implications. "Restricted to MPH Majors". Prerequisite(s): MPH 520.

MPH 580. Communicable Disease Control 3 cr. Provides an understanding of the microbiology of pathogenic organisms and a public health approach to the control of disease. Instruction through WebCT. Taught with HL S 480.

MPH 584. Alcohol and Drug Prevention and Control 3 cr. Drug and alcohol prevention and control strategies applied to rural and border communities in southern New Mexico. Some field trips will be required. Same as HL S 484 with differentiated assignments for graduate students.

MPH 585. Health Topics 1 cr. Specific subjects for health professionals to be announced in the Schedule of Classes. May be repeated for a maximum of 4 credits. Same as HL S 485 with differentiated assignments for graduate students.

MPH 586. Special Topics 3 cr. Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits. Taught with HL S 486.

MPH 589. Ethics and Jurisprudence for Health Personnel 3 cr.
Relationships between the law and the health care field. Emphasis on the moral and legal responsibilities of health personnel. Same as HL S 489 with differentiated assignments for graduate students.

MPH 590. Independent Study 1-6 cr. Individual studies with prior approval of department head. May be repeated for a maximum of 6 credits.

MPH 591. Mind-Body Health and Complementary and Alternative Therapies 3 cr. An examination of the multiple dimensions of health from international and cultural views, mind-body interaction, and health promotion assessment and intervention techniques. Same as HL S 491 with differentiated assignments for graduate students.

MPH 592. Health Care of the Aged 3 cr. General concepts and principles of aging. Introduces students to the aging process and assists them in understanding the various aspects of growing old. Same as HL S 492 with differentiated assignments for graduate students.

MPH 593. Adulthood and Aging 3 cr. 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. Same as GERO 493 with differentiated assignments for graduate students.

MPH 594. Aging in a Multicultural Society 3 cr. Study and comparison of aging in the southwestern multi-cultural society with emphasis on health care. Same as GERO 494 with differentiated assignments for graduate students.

MPH 596. Field Experience 1-4 cr. 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. "Restricted to MPH Majors". Prerequisite: consent of department head. May be repeated for a maximum of 4 credits.

MPH 597. Graduate Public Health Seminar 1 cr. Capstone seminar for advanced-standing MPH students. "Restricted to MPH Majors". Prerequisite: MPH 570. May be repeated for a maximum of 2 credits.

MPH 599. Master's Thesis 1-6 cr. Minimum of 4 credits required but may be repeated for a maximum of 6 credits. "Restricted to MPH Majors". PR grading.