

# PHLS-PUBLIC HEALTH SCIENCES

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## **PHLS 1110G. Personal Health & Wellness** **3 Credits (3)**

A holistic and multi-disciplinary approach towards promoting positive lifestyles. Special emphasis is placed on major problems that have greatest significance to personal and community health. Topics to include nutrition, stress management, fitness, aging, sexuality, drug education, and others.

## **PHLS 1111. Introduction to Health Science** **1 Credit (1)**

An overview of professional career opportunities in the realm of health science as well as the functional roles of practice, education, administration, and research. Some field trips will be required.

## **PHLS 2110. Foundations of Health Education** **3 Credits (3)**

Role and responsibility of the health educator with emphasis on small group dynamics, oral and written communication skills, building community coalitions and introduction to grant writing. Taught with PHLS 375. Cannot receive credit for both PHLS 2110 and PHLS 375. May be repeated up to 3 credits.

**Prerequisite(s):** PHLS 1110G, or consent of instructor.

## **PHLS 2120. Essentials of Public Health** **3 Credits (3)**

The course will focus on principles and major areas of public health, including ecological and total personal concept of health care system, epidemiological approaches to disease prevention and control. Consent of Instructor required.

## **PHLS 301V. Human Sexuality** **3 Credits (3)**

Examination of human sexuality from a variety of perspectives: cultural, sociological, physiological and psychological. Issues examined from viewpoints such as gender, individual, family, and professional roles.

## **PHLS 305V. Global Environmental Health Issues** **3 Credits (3)**

Introduction to global environmental health challenges in the 21st century with an emphasis on environmental problems as they affect public health and personal well-being.

## **PHLS 375. Foundations of Community Health Education** **3 Credits (3)**

Role and responsibility of the health educator, with emphasis on small-group dynamics, oral and written communication skills, building community coalitions, and an introduction to grant writing. Equivalent to PHLS 2110. May be repeated up to 3 credits.

## **PHLS 380V. Women's Health Issues** **3 Credits (3)**

A focus on the unique issues and problems that confront women today and how they affect the health of women. Same as GNDR 381V.

## **PHLS 395. Foundations of Public Health** **3 Credits (3)**

The course will focus on principles and major areas of public health, including ecological concepts of healthcare systems and epidemiological approaches to disease promotion and control. Equivalent to PHLS 2120. May be repeated up to 3 credits. Restricted to: Public Health majors.

## **PHLS 450. Epidemiology** **3 Credits (3)**

Epidemiologic approaches to disease prevention and control. Factors influencing health status. May be repeated up to 3 credits. Restricted to: PHL majors.

**Prerequisite(s):** PHLS 395 or PHLS 2120.

## **PHLS 451. Biometrics and Health Research** **3 Credits (3)**

Critical analysis of community health research and related methodologies. May be repeated up to 3 credits. Restricted to: Public Health majors.

**Prerequisite(s):** (MATH 1350G) or MATH 2350G or A ST 311.

## **PHLS 452. Environmental Health** **3 Credits (3)**

Introduction to environmental health designed to address public health issues. May be repeated up to 3 credits. Restricted to: PH,PHL majors.

**Prerequisite(s):** PHLS 395 or PHLS 2120.

## **PHLS 457. Administration of Health Programs** **3 Credits (3)**

Covers administrative responsibilities, organizational theory, strategic planning, and systems theory as applied to the administration of a variety of health programs. May be repeated up to 3 credits. Restricted to: C HL,PHL majors.

**Prerequisite(s):** PHLS 395, PHLS 2120, or consent of instructor.

## **PHLS 459. Infectious and Noninfectious Disease Prevention** **3 Credits (3)**

History, etiology, and prevention of diseases affecting humans. May be repeated up to 3 credits. Consent of Instructor required. Crosslisted with: MPH 559. Restricted to: Public Health majors.

**Prerequisite(s):** PHLS 395 or PHLS 2120, PHLS 450 and Consent of Instructor.

## **PHLS 460. American Indian Health** **3 Credits (3)**

Critical health issues facing American Indians in the contemporary world. Course included in the undergraduate American Indian Program minor. May be repeated up to 3 credits. Crosslisted with: MPH 560. Restricted to: Public Health minors or Public Health majors.

## **PHLS 461. Health Disparities: Determinants and Interventions** **3 Credits (3)**

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: MPH 561.

## **PHLS 462. Hispanic Health Issues** **3 Credits (3)**

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: MPH 562.

## **PHLS 464V. Cross-Cultural Aspects of Health** **3 Credits (3)**

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.

**PHLS 465. International Health Problems****3 Credits (3)**

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: MPH 565.

**Prerequisite(s):** PHLS 395 or PHLS 2120 or consent of instructor.

**PHLS 467. Rural Health Issues****3 Credits (3)**

Comprehensive overview of rural health services with Southwestern United States and New Mexico focus. May be repeated up to 3 credits. Crosslisted with: MPH 567.

**PHLS 468. Coping with Loss and Grief: A Cross-Cultural Perspective****3 Credits (3)**

A cross-cultural perspective to death, loss and grief. Hospice philosophy of caring for the dying will be included.

**PHLS 469. U.S.-Mexico Border Health Issues****3 Credits (3)**

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: MPH 569.

**PHLS 471. Health Informatics****3 Credits (3)**

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: MPH 571. Restricted to: Restricted to Public Health majors.

**Prerequisite(s):** PHLS 395 or PHLS 2120 or consent of instructor.

**PHLS 473. Health Program Planning****3 Credits (3)**

Planning and development of community health education interventions for behavior change at the individual, family, social network levels of practice. Emphasis on applying program-planning models and designs into a grant-writing project. May be repeated up to 3 credits. Restricted to: Public Health majors.

**Prerequisite(s):** PHLS 375 or PHLS 2120 and PHLS 476.

**PHLS 475. Methods of Community Health Education****3 Credits (3)**

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. May be repeated up to 3 credits. Crosslisted with: MPH 575. Restricted to: Public Health majors.

**Prerequisite(s):** PHLS 395 or PHLS 2120.

**PHLS 476. Theoretically-Based Interventions****3 Credits (3)**

Identifying and developing interventions to problematic health-related behaviors. May be repeated up to 3 credits. Restricted to: Public Health majors.

**Prerequisite(s):** PHLS 395 or PHLS 2120.

**PHLS 478. Health Program Evaluation and Research****3 Credits (3)**

Covers the application of research and evaluation models for decision-making program and policy development of community health education interventions. Focus on the individual, family, and social network levels of practice. May be repeated up to 3 credits.

**Prerequisite(s):** PHLS 473.

**PHLS 481. Public Health Preparedness and Response****3 Credits (3)**

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: MPH 581.

**PHLS 486. Special Topics****3 Credits (3)**

Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.

**PHLS 490. Independent Study****1-6 Credits**

Individual studies with prior approval of department head. May be repeated up to 12 credits. Consent of Instructor required.

**PHLS 496. Community Health Education Field Experience****1-6 Credits**

Senior-standing community health education majors will integrate and apply various concepts related to actual community health education practice. Experience aims to prepare students to integrate the competencies and responsibilities of community health education. Approximately 55 hours at field agency required per credit hour. May be repeated up to 6 credits. Consent of Instructor required. Restricted to: Public Health majors.

**Prerequisite(s):** PHLS 475 or concurrent enrollment.

**PHLS 497. Public Health Seminar in Community Health Education****1 Credit (1)**

Critical analysis of issues in CHE and health care. Readings focus on social, economic, cultural, and political issues as they affect the profession and practice. Emphasis on future, local, national, and international health trends. May be repeated up to 1 credits. Restricted to: Public Health majors.

**Prerequisite(s):** PHLS 450, PHLS 473, and PHLS 476 or consent of instructor.

**PHLS 499. Problems in Health Education****3 Credits (3)**

Provides opportunity for synthesis of program planning, implementation, and evaluation methodologies in the preparation and delivery of health education topics. Some field trips will be required. May be repeated up to 3 credits. Restricted to: C HL,PHL majors.

**Prerequisite(s):** Either PHLS 395, PHLS 2120, PHLS 478, PHLS 476, or consent of instructor.