

PUBLIC HEALTH SCIENCES

Undergraduate Program Information

The curriculum in public health prepares students for careers in community and public health programs, also in voluntary, private and governmental agencies. Upon completion of the degree, the graduate is eligible to take the national Certified Health Education Specialist (CHES) examination administered by the National Commission for Health Education Credentialing, Inc. The Bachelor of Public Health degree has the full approval of the Council on Education in Public Health.

Students seeking admission to the Bachelor of Public Health degree in the Department of Public Health Sciences at NMSU are first admitted as pre-public health (PPHL) students. Students keep this designation until they have met the following admissions requirements:

1. A cumulative grade-point average of at least 2.5 after completing specified general education coursework (the common core).
2. A grade of C- or better in prerequisite departmental courses

PHLS 150G	Personal Health and Wellness	3
PHLS 275 or PHLS 375	Foundations of Health Education Foundations of Community Health Education	3
PHLS 395	Foundations of Public Health	3
3. A grade of C- or better in MATH 120 Intermediate Algebra.
4. A grade of B or better in A ST 251G Statistics for Business and the Behavioral Sciences/STAT 251G Statistics for Business and the Behavioral Sciences or A ST 311 Statistical Applications.
5. Entrance Exam: A score of 37% or better on the Conventions of Written English assessment and 75% or better on the Math assessment.
6. Submission of an application packet that includes
 - a. a brief personal statement of interest in the profession, and
 - b. a completed application for the Bachelor of Public Health degree program.

The Bachelor of Public Health degree program accepts applicants during the Spring and Fall semesters. The deadlines for accepting application packets are September 15th for Spring admission and February 15th for Fall admission. All applications must be submitted to the College of Health and Social Services, CHSS, Room 326.

Applicants may receive a conditional acceptance into the program if they are currently enrolled in the last of the required prerequisites at the time that they submit an application to the Bachelor of Public Health degree program. Such conditional acceptance will be revoked if the applicant does not successfully complete each of the prerequisite courses.

Students must attain a grade of C- or better in all required PHLS core coursework.

Any student who receives two or more grades of D or F in required PHLS core courses must petition, in writing, to continue as a major. Unsuccessful petitioners will be dismissed from the program. Should said student receive any further grades of D or F they will be irrevocably dismissed from the BPH program.

Graduate Program Information

The Department of Public Health Sciences offers the Master of Public Health degree (MPH) in Community Health Education and Health Management, Administration and Policy. The degree program prepares public health professionals to function in a variety of settings, including health programs at the local, state, and federal government levels; profit and nonprofit organizations and agencies; worksite settings; and educational institutions. The MPH program is fully accredited by the Council on Education for Public Health (CEPH).

Admissions Requirements

Students may be admitted on a full-time or part-time basis to the on-campus program or part-time in the fully online version of the program. The online Community Health Education program has curriculum and degree requirements in common with the on-campus program, and is covered by the same CEPH accreditation. The fully online Health Management and Policy program is also fully accredited by CEPH. All coursework for the online degree can be completed off-campus utilizing web-based technologies and they are aimed at meeting the needs of working students and others for whom a campus-based program is not an option. In addition to meeting all admissions requirements of the Graduate School, applicants must meet the following departmental requirements:

- Complete a short bio-sketch and an essay describing the applicant's reasons for wishing to pursue the MPH degree at NMSU. Any paid or volunteer work performed in a public health or related agency setting should also be described in detail, including length of work and descriptions of the work typically performed as part of the job.
- Scores from a recent administration (within the past five years) of the GRE are required (verbal reasoning, quantitative reasoning, and analytical writing scores).
- Submit at least three letters of reference from former faculty and/or employers.

Applications are now completed online. Go to <http://gradschool.nmsu.edu/>. For more information, contact the Graduate Coordinator at mphapps@nmsu.edu, or obtained via the website: publichealth.nmsu.edu (<https://publichealth.nmsu.edu>).

Degrees for the Department

Public Health - Bachelor of Public Health (<http://catalogs.nmsu.edu/nmsu/health-social-services/public-health-sciences/public-health-bachelor-public-health>)

Public Health - Master of Public Health (<http://catalogs.nmsu.edu/nmsu/health-social-services/public-health-sciences/public-health-master-public-health>)

Master of Public Health/Master of Social Work - Dual Degree (<http://catalogs.nmsu.edu/nmsu/health-social-services/public-health-sciences/master-public-health-master-social-work-dual-degree>)

Public Health - Graduate Certificate (<http://catalogs.nmsu.edu/nmsu/health-social-services/public-health-sciences/public-health-graduate-certificate>)

Minors for the Department

Gerontology - Undergraduate Minor (<http://catalogs.nmsu.edu/nmsu/health-social-services/public-health-sciences/gerontology-undergraduate-minor>)

Public Health Sciences - Undergraduate Minor (<http://catalogs.nmsu.edu/nmsu/health-social-services/public-health-sciences/public-health-sciences-undergraduate-minor>)

U.S.-Mexico Border Health Issues - Undergraduate Minor (<http://catalogs.nmsu.edu/nmsu/health-social-services/public-health-sciences/us-mexico-border-health-issues-undergraduate-minor>)

Associate Professor, Anup K. Amatya, Department Head

Professors Forster-Cox, McDonald, Rao, Tomaka; **Associate Professors** Amatya, Kozel, Kratzke, Palacios, Wilson; **Assistant Professors** Morales

Amatya, Ph.D. (U. of Illinois- Chicago) – biostatistics; J.E. Brandon, Ph.D., C.H.E.S. (Southern Illinois U.), emeritus – border health issues; S. Forster-Cox, Ph.D. (U. of New Mexico) Online Coordinator – community health education, health promotion, non-profit organizations, rural health; C. T. Kozel, Ph.D., C.H.E.S. (U. of New Mexico) – community health education, health policy analysis, administration; C. Kratzke, Ph.D., C.H.E.S. (Old Dominion U.) – community health education, health disparities, cancer; J. McDonald, Ph.D., (U Washington)#epidemiology; R. Palacios, Ph.D. (U. of Texas at El Paso) – stress, disease outcomes, program evaluation; E. Morales, PH.D. (U. of Colorado Denver) – motivation, health behavior change; S. P. Rao, Ph.D., C.H.E.S. (Texas Women's U.) – Graduate Certificate and undergraduate Coordinator, domestic violence, HIV/AIDS, addictions, community health education; J. Robinson III, Ed.D., FAAHE (U. of Northern Colorado), emeritus – health education; J. Tomaka (U. of Buffalo), Graduate Coordinator– health behavior, program evaluation; S.L. Wilson, Ph.D. (Southern Methodist U.) – health policy, rural health, international health, health disparities.

PHLS 100. Introduction to Health Science

1 Credit

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 150G. Personal Health and Wellness

3 Credits

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 275. Foundations of Health Education

3 Credits

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. Taught with HL S 375. Cannot receive credit for both HL S 275 and HL S 375.

Prerequisite(s): Either HL S 100 or HL S 150G, or consent of instructor.

PHLS 295. Essentials of Public Health

3 Credits

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

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

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

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 275. May be repeated up to 3 credits.

PHLS 380V. Women's Health Issues

3 Credits

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

PHLS 395. Foundations of Public Health

3 Credits

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 295. May be repeated up to 3 credits.

PHLS 450. Epidemiology

3 Credits

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

Prerequisite(s): PHLS 471.

PHLS 451. Biometrics and Health Research

3 Credits

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

Prerequisite(s): E ST 311G.

PHLS 452. Environmental Health

3 Credits

Introduction to environmental health designed to address public health issues. May be repeated up to 3 credits. Restricted to: Public Health, HNFS and E S majors.

Prerequisite(s): Junior or Senior standing.

PHLS 457. Administration of Health Programs

3 Credits

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: Public Health majors.

Prerequisite(s): HL S 395 or HL S 450, or consent of instructor.

PHLS 458. Public Health Resources and 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.

PHLS 459. Infectious and Noninfectious Disease Prevention**3 Credits**

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 and Consent of Instructor.

PHLS 460. American Indian Health**3 Credits**

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.

PHLS 461. 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: MPH 561.

PHLS 462. 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: MPH 562.

PHLS 464V. 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.

PHLS 465. 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: MPH 565.

Prerequisite(s): HL S 395 or consent of instructor.

PHLS 466. 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: MPH 566. Restricted to: BPH majors.

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

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**

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**

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**

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: PHL,C HL majors.

Prerequisite(s): HL S 395 or consent of instructor.

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

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.

PHLS 475. 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. May be repeated up to 3 credits. Crosslisted with: MPH 575. Restricted to: Public Health majors.

Prerequisite(s): HL S 275/375.

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

Identifying and developing interventions to problematic health-related behaviors. Taught with MPH 576. May be repeated up to 3 credits.

Restricted to: Public Health majors.

Prerequisite(s): HL S 473.

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

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. Restricted to: Public Health majors.

Prerequisite(s): HL S 473.

PHLS 481. 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.

PHLS 486. Special Topics

3 Credits

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. Maximum of 12 credits.

Prerequisites: consent of instructor.

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 for a maximum of 6 credits. May be repeated up to 6 credits.

Consent of Instructor required. Restricted to: Public Health majors.

Prerequisite(s): HL S 475 or concurrent enrollment.

PHLS 497. Senior Seminar in Community Health Education

1 Credit

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): HL S 475 or consent of instructor.

PHLS 499. Problems in Health Education

3 Credits

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: Public Health majors.

Prerequisite(s): Either HL S 395, HL S 478, HL S 476, or consent of instructor.

Name:

Office Location:

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