

# COLLEGE of HEALTH and SOCIAL SERVICES

Dean • Jeffrey E. Brandon

Associate Dean of Academics and Research • Larry K. Olsen

Advising Coordinator • Lisa Kirby

Student Records • Sally Alkon

Bachelor of Community Health  
Bachelor of Human and Community Services  
Bachelor of Science in Environmental and Occupational Health  
Bachelor of Science in Nursing  
Bachelor of Social Work

The College of Health and Social Services brings together associated disciplines and professional fields of study directly applied to the improvement of the quality of life and its existence in rapidly changing family and community environments. The college includes the Departments of Health Science, Nursing, and Social Work.

While the ultimate responsibility for planning an academic program in compliance with university, college, and departmental requirements rests with you, the college recognizes the importance of helping you work out appropriate academic programs. All Health and Social Service students pursuing a bachelor's degree are advised about academic matters in the dean's office, located in the Health and Social Services building. In addition, you are encouraged to contact departments for specific subject area information and career planning. Once students are accepted into the nursing program, they are advised about academic matters in the Department of Nursing.

## Bachelor Degree Graduation Requirements

Five bachelor degree programs are available: Bachelor of Community Health, Bachelor of Science in Environmental and Occupational Health, Bachelor of Science in Nursing, Bachelor of Social Work, and Bachelor of Human and Community Services (via distance education only).

To be awarded a bachelor's degree you must:

1. complete the requirements for the degree as shown by the department in which the degree is offered including a minimum of 54 credits of upper-division courses (numbered 300 and above) and the minimum total number of credits required for the degree;
2. complete at least 38 credits of general education course work selected from the list of approved general education courses presented in the general education section of this catalog and the specific general education courses that may be required by each department; and
3. complete any other requirements for graduation as discussed under "Regulations" in the "General Information" chapter of this catalog.

## HEALTH SCIENCE

### Professor Stephen D. Arnold, department head

**Professors** Brandon, Buckingham, Mondragón, Olsen, Smith; **Associate Professors** Hill (Emerita), Rao; **Assistant Professors** Forster-Cox, Koziel; **College Assistant Professor** Cardenas; **Adjunct Professors** Holtzman, Starfield; **Adjunct Associate Professors** Bishop, Escobedo, Hussain, Lucchino, Vilchis; **Adjunct Assistant Professors** Banegas, Jacobs; **Adjunct Instructor** Reyna; **Part-Time Faculty** Banegas, Buchanan, Goodman, Hawe, Hensley, Hill, Kelly, Jacquez, Lopez, McDaniel, Moraros, Quick, Roth-Edwards, Ruiz  
(505) 646-4300; sarnold@nmsu.edu

**DEGREE: Bachelor of Community Health**  
**DEGREE: Bachelor of Science in Environmental and Occupational Health**

**MINORS: Border Health, Community Health Environmental and Occupational Health Gerontology, Health Administration**

Requirements for health science minors may be found on-line at [www.nmsu.edu/~hlthdpt/](http://www.nmsu.edu/~hlthdpt/)

**DEGREE: Bachelor of Community Health**

The curriculum in community health prepares students for careers in community and public health programs, and 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 Community Health degree has the full approval of the national Society for Public Health Education (SOPHE)/American Association for Health Education (AAHE)/Baccalaureate Program Approval Committee (SABPAC).

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

- A) A grade-point average of at least 2.50 after completion of 29 credits of specified general education course work.
- B) A grade of S in HL S 100 and a grade of C or better in HL S 150.
- C) Submission of an application packet that includes (1) a brief personal statement of interest in the profession, (2) a copy of the most recent university transcript, and (3) percentile scores on the department's writing assessment (given in HL S 100).
- D) A grade of C or better in MATH 115.

### General Requirements (44 credits)

General education requirements for the Department of Health Science follow those outlined by the university in this catalog. The following courses are specific general education courses required by the department. Community/junior college transfer students may be able to transfer general education courses if they are equivalent to those offered at NMSU.

BIOL 101G/L, Human Biology/Lab, or BIOL 111G/L, Natural History of Life/Lab, or BIOL 211G/L, Cellular and Organismal Biology/Lab .....	4
COMM 253G, Public Speaking, or COMM 265G, Principles of Human Communication .....	3
CS 110G, Computer Literacy, or BCS 110G, Introduction to Computerized Information Systems .....	3
ENGL 111G, Rhetoric and Composition .....	4
ENGL 203G, Business and Professional Communication, or ENGL 218G, Technical and Scientific Communication .....	3

### Accreditation

Within the College of Health and Social Services, the baccalaureate degree program in the Department of Nursing is accredited by the National League for Nursing. The baccalaureate degree program in the School of Social Work is accredited by the Council on Social Work Education. The Bachelor of Community Health degree program in the Department of Health Science is accredited by the Society for Public Health Education/American Association of Health Education Baccalaureate Program Approval Committee.

EST/STAT 251, Statistics for Business and the Behavioral Sciences, or EST 311G, Statistical Applications.....	3
MATH 115, Intermediate Algebra.....	3
MATH 210G, Mathematics Appreciation, or MATH 142G, Calculus for Biological and Management Sciences I.....	3
PSY 201G, Introduction to Psychology.....	3
See adviser for additional 15 credits of general education requirements in history, fine arts, social analysis, and Viewing a Wider World.....	15

#### Departmental Requirements

You are required to complete the following Health Science core courses. You must have a minimum of 54 upper division credit hours (300- and 400-level courses). Community/junior college transfer students must earn a minimum of 66 credit hours from a four-year degree institution.

#### Community Health Education Core (29 credits):

HL S 100, Introduction to Health Science.....	1
HL S 275, Foundations of Health Education.....	3
HL S 471, Resources and Computer Applications in Health Education.....	3
HL S 473, Health Program Planning.....	3
HL S 475, Methods of Community Health Education.....	3
HL S 476, Health Risk Reduction.....	3
HL S 478, Health Program Evaluation and Research.....	3
HL S 496, Community Health Education Field Experience.....	6
HL S 497, Senior Seminar in Community Health Education.....	1
HL S 499, Problems in Health Education.....	3

#### Public Health Core (21 credits)

HL S 150, Personal Health and Wellness.....	3
HL S 395, Foundations of Public Health.....	3
HL S 450, Epidemiology.....	3
HL S 451, Biometrics and Health Research.....	3
HL S 452, Environmental Issues in Community Health.....	3
HL S 457, Administration of Health Programs.....	3
HL S 459, Infectious/Noninfectious Disease Prevention.....	3

#### Select one (1) of the following (3 credits) Cultural Foundations course requirements:

HL S 461, Health Communication with Hispanic Clients.....	3
HL S 462, Hispanic Health Issues.....	3
HL S 463, Interdisciplinary Seminar.....	3
HL S 464G, Cross Cultural Aspects of Health.....	3
HL S 465, International Health Problems.....	3
HL S 466, International Health Practicum.....	1-3
HL S 467, Rural Health Issues.....	3
HL S 468, Coping With Loss and Grief: A Cross-Cultural Perspective.....	3
HL S 469, U.S.-Mexico Border Health Issues.....	3

#### Electives (31 credits)

An additional 31 credit hours of elective coursework are required. Students are encouraged to select additional HLS and GERO courses to satisfy the elective requirements. Students with an associates degree in an allied health field may transfer up to 31 credit hours of electives.

#### DEGREE: Bachelor of Science in Environmental and Occupational Health

Environmental and Occupational Health (EOH) involves the development, implementation, evaluation, and promotion of methods used to manage factors in the indoor and outdoor environments that may have an adverse impact on human health. The EOH profession has an emphasis on prevention rather than treatment and an emphasis on human health rather than ecological protection.

The mission of the EOH program is to prepare you for professional positions in the field of environmental and occupational health. Curricular offerings focus on providing educational preparation in the investigation, protection, promotion, and enhancement of human health, wellness, and safety, with emphasis on individuals, community, business, and the environment. Program experiences are built on a solid foundation in the behavioral, biological, physical, and technical sciences. This foundation enables you to acquire the knowledge necessary to develop technical skills and problem-solving techniques.

Graduates will find employment in federal, state, and local health departments, environmental protection agencies, water supply and wastewater treatment utilities, solid-waste management, planning agencies, health care

institutions, manufacturing industries, food processing and food service management, quality assurance laboratories, environmental engineering and consulting firms, insurance companies, and the military services.

Students seeking admission to the Bachelor of Science in Environmental and Occupational Health degree program are first admitted as pre-EOH students. Students keep this designation until they have completed 23 credits of specified course work with a minimum GPA of 2.50.

Students completing the program at New Mexico State University are eligible to apply for professional registration with the National Environmental Health Association by completing examination for the designation Registered Environmental Health Professional (REHP).

#### General Education Requirements (41 credits)

General education requirements for the Department of Health Science follow those outlined by the university in this catalog. The following courses are specific general education courses required by the department. Community/junior college transfer students may be able to transfer general education courses if they are equivalent to those offered at NMSU.	
BIOL 211G/L, Cellular and Organismal Biology.....	4
COMM 253G, Public Speaking, or COMM 265G, Principles of Human Communication.....	3
CS 110G, Computer Literacy, or BCS 110G, Introduction to Computerized Information Systems.....	3
ENGL 111G, Rhetoric and Composition.....	4
ENGL 203G, Business and Professional Communication, or ENGL 218G, Technical and Scientific Communication.....	3
EST/STAT 251, Statistics for Business and the Behavioral Sciences, or EST 311G, Statistical Applications.....	3
MATH 142G, Calculus for Biological and Management Sciences I.....	3
See adviser for additional 18 credits of general education requirements in history, fine arts, social analysis, human thought and behavior, and Viewing a Wider World.....	18

#### Departmental Requirements

You are required to complete the following core courses. You must have a minimum of 54 upper division credit hours (300- and 400-level courses)

#### Health Science Core Courses (33 credits)

HL S 150, Personal Health and Wellness.....	3
HL S 355, Responding to Emergencies.....	3
HL S 395, Foundations of Public Health.....	3
HL S 450, Epidemiology.....	3
HL S 451, Biometrics and Health Research.....	3
HL S 452, Environmental Issues in Community Health.....	3
HL S 453, Worksite Health and Safety Education.....	3
HL S 454, Environmental Epidemiology.....	3
HL S 459, Infectious/Noninfectious Disease Prevention.....	3
HL S 495, Internship in Environmental/Occupational Health.....	6

#### Related Fields Core Courses (28 credits)

BIOL 219, Public Health Microbiology.....	3
BIOL 254, Human Physiology.....	3
CHEM 111, General Chemistry I.....	4
CHEM 112, General Chemistry II.....	4
CHEM 211, Organic Chemistry.....	4
GEOL 295, Environmental Geology.....	3
PHYS 211/L, General Physics I and Lab.....	4
TOX 361, Basic Toxicology.....	3

#### Elective Courses (select 21 credits from the following list)

AGHE 380G, Ecosystem Earth: The Impact of Human Activities.....	3
BIOL 301, Principles of Ecology.....	3
BIOL 461G, Human Ecology.....	3
CHEM 422, Environmental Chemistry.....	3
ECON 384G, Water Resource Economics.....	3
E T 312, Emergency Response to Hazardous Materials Incidents.....	2
HL S 477, Worksite Health Promotion.....	3
HL S 457, Administration of Health Programs.....	3
HL S 458, Public Health Resources and Policy Analysis.....	3
HNFS 320, Food Microbiology.....	3
HNFS 450, Special Topics: Food Manager Certification and HACCP.....	1
PLAN 275, Environmental/Water Management.....	3
PLAN 351, Environmental Planning.....	3

TOX 423, Environmental Toxicology.....3

**Additional Electives (5 credits)**

You must select additional electives sufficient to bring your total number of credit hours to the university requirement of 128. You are encouraged to consult your adviser for a list of recommended elective courses.

**Minors in Health Science**

Requirements for minors in border health, community health, environmental and occupational health, gerontology, and health administration may be found on-line at [www.nmsu.edu/~hlthdpt/](http://www.nmsu.edu/~hlthdpt/)

**MINOR: Community Health (18 credit hours)**

Core Community Health Education Courses (12 credit hours): HLS 275, Foundations of Health Education; HLS 395, Foundations of Public Health; HLS 450, Epidemiology; HLS 457, Administration of Health Programs .....12

Select one (3 credit hours): HLS 300, Drugs and Behavior; HLS 355, Responding to Emergencies; HLS 301, Human Sexuality; HLS 380, Women's Health Issues; HLS 320, Human Stress Management; HLS 492, Health Care of the Aged.....3

Select one (3 credit hours): HLS 461, Health Communications with Hispanic Clients; HLS 462, Hispanic Health Issues; HLS 463, Interdisciplinary Seminar; HLS 464, Cross-Cultural Aspects of Health; HLS 465, International Health Problems; HLS 466, International Health Practicum; HLS 467, Rural Health Issues; HLS 468, Coping with Loss and Grief: A Cross-Cultural Perspective.....3

**MINOR: Environmental and Occupational Health (18 credit hours)**

Core Environmental and Occupational Health Courses (9 credit hours): HLS 395, Foundations of Public Health; HLS 452, Environmental Issues in Community Health; HLS 453, Worksite Health and Safety Education .....9

Select three (9 credit hours): HLS 355, Responding to Emergencies; HLS 450, Epidemiology; HLS 451, Biometrics and Health Research; HLS 454, Environmental Epidemiology; HLS 459, Infectious/Noninfectious Disease; HLS 477, Worksite Health Promotion; TOX 361, Basic Toxicology.....9

**MINOR: Gerontology (18 credit hours, on-line program only)**

Core Gerontology Courses (12 credit hours): GERO 415, Intro to Gerontology; GERO 493, Adulthood and Aging; GERO 456, Biological Aspects of Aging; GERO 494, Aging in a Multicultural Society .....12

Select two (6 credit hours): FCS 448, The Aging Family; HNFS 406, Geriatric Nutrition; GERO 450, Health Promotion for the Elderly; GERO 451, Aging and Public Policy; NURS 324, Nursing Care Older Adults.....6

**MINOR: Health Administration (18 credit hours)**

HLS 457, Administration of Health Programs; BLAW 440, Health Care Law; ECON 432G, Economics of Health Care or ECON 453/MGT 462, Intro to Health Services Policy; ECON 456/MGT 463, Economics of Mgr Processes in Health Serv Orgs; MGT 309, Human Behavior in Organizations or MGT 315G, Human Relations in Organizations or MGT 388G, Leadership and Society; MKTG 303, Principles of Marketing ..... 18

**MINOR: U.S.-Mexico Border Health Issues (18 credit hours)**

Core - U.S.- Mexico Border Health Issues Courses (6 credit hours): HLS 463, Interdisciplinary Seminar (when subtitle relates to US-Mexico Border Health) or HLS 466, International Health Practicum; HLS 469, US-Mexico Border Health Issues..... 6

Select two to four (6 to 12 credit hours): HLS 461, Health Communication with Hispanic Clients; HLS 462, Hispanic Health Issues; HLS 464G, Cross-Cultural Aspects of Health; HLS 465, International Health Problems; HLS 466, International Health Practicum; HLS 467, Rural Health Issues; HLS 468, Coping with Loss and grief: A Cross-Cultural Perspective; HLS 486, Special Topics (when subtitle relates to US-Mexico Border Health); GERO 494, Aging in a Multi-Cultural Society .....6-12

Select up to two (maximum 6 credit hours): HLS 481, AIDS and Public Health Practice and Policy; HLS 483, Parental and Child Health Issues; HLS 484, Alcohol and Drug Prevention and Control; HLS 488, Health Dilemmas of Selected Populations; HLS 489, Ethics and Jurisprudence for Health Personnel ..... 6

## HUMAN and COMMUNITY SERVICES

**Professor Larry K. Olsen, program head**

*Professors* Anderson, Brandon, Olsen, Sallee; *Assistant Professor* Blackburn, Ellis, Moraros; *College Assistant Professors* Cardenas, Hawe; *Adjunct Professor* Bruhn  
(505) 646-3526; [nmsu.edu/CHSS/bhcs/](http://nmsu.edu/CHSS/bhcs/)

**DEGREE: Bachelor of Human and Community Services (BHCS)**

The distance education-delivered curriculum in human and community services is designed for nontraditional, location-bound students, such as those who work or are otherwise occupied on a full-time basis. Because the BHCS is a degree-completion program, it is appropriate for individuals who have already accumulated general education and other college credits. It is particularly well suited for those who may have begun a career in a related field and who wish to continue working while they complete a relevant degree that has the potential to broaden their professional marketability and/or act as a bridge to graduate-level education. BHCS graduates may also seek employment or career advancement in local, state, or national government or other agency positions dealing with human services, such as child and adolescent health services, maternal and infant services, juvenile justice programs, adoption and family services, residential aide services, outreach and mental health services, and neighborhood health centers.

The core requirements for the BHCS degree are designed to provide students with understanding and skills important for work in the community and human services field. To better respond to the diverse interests of program participants, as well as to reflect the broad range of workplaces available in this industry, additional program requirements include the completion of two minors in related fields. You must attain a grade of C or better in all required core courses.

**Core Requirements**

CHSS 300, Introduction to Health and Community Services ..... 1  
CHSS 316, Ethical and Research Issues in Human and Community Services 3  
HLS 375, Foundations of Community Health Education.....3  
HLS 395, Foundations of Public Health .....3  
HLS 457, Administration of Health Programs .....3  
NURS 388, Historical Perspectives of American Health Care.....3  
S WK 310, Human Behavior and Social Systems .....4  
S WK 331G, Introduction to Social Policy: History.....3  
Approved Viewing a Wider World (VWW) general education courses (see most recent undergraduate catalog). Note that completion of CEP 451G is strongly recommended as one of the VWW electives. It is possible that courses within the minor may be used to meet the VWW requirement .....6

**Minor Requirements**

You must complete two approved minors. One must come from List 1 and the second generally is selected from List 2. If you have a sufficient number of credits, you may request consideration for a minor other than those presented in List 2. Requirements for the minors may be found on-line at [www.nmsu.edu/CHSS](http://www.nmsu.edu/CHSS)

**List 1**

CHSS minors (Complete one minor from this list):

Community Health  
Environmental and Occupational Health  
U.S.-Mexico Border Health

**List 2**

Interdisciplinary minors and minors outside CHSS (Complete one minor from this list)\*:

Counseling and Educational Psychology  
Education (nonteacher training)  
Family and Consumer Science  
Gerontology  
Health Administration  
Military Science  
Sociology  
Religious Studies