Health Science
College of Allied Health & Nursing
Department of Health Science
213 Highland Center N • 507-389-1527
Web site: www.mnsu.edu/dept/health/

Chair: John A. Romas

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The school and community health programs prepare health professionals with expertise in health promotion and disease prevention for employment in public health and community health agencies, health care facilities, business and industry, and schools.

Admission to Major is granted by the department. Minimum university admission requirements are:
- a minimum of 32 earned semester credit hours.
- a minimum cumulative GPA of 2.5 ("C").
- completion of HLTH 260.
Contact the department for application procedures.

COMMUNITY HEALTH BS

Required for Major (Core, 35 credits):
HLTH 260 Introduction to Health Education (4)
HLTH 361 Health Communications (3)
HLTH 454 Chronic and Infectious Diseases (3)
HLTH 460 Introduction to Epidemiology (3)
HLTH 475 Biostatistics (3)
HLTH 480 Community and Program Development for Health (4)
HLTH 496 Internship: Community Health (8)
BIOL 230 Human Physiology (4)
FCS 240 Nutrition I (3)

Required Electives for Major (15 credits):
15 credits of Health Science electives. Determined in consultation with academic advisor. HLTH 101 Health and the Environment is not a Health Science elective.

Electives:
HLTH 210 HLTH 212 HLTH 225 HLTH 310
HLTH 311 HLTH 315 HLTH 321 HLTH 400
HLTH 410 HLTH 441 HLTH 449 HLTH 450
HLTH 451 HLTH 455 HLTH 456 HLTH 459
HLTH 465 HLTH 469 HLTH 488

Required Minor: none

SCHOOL HEALTH BS, TEACHING

Core (27 credits):
HLTH 260 Introduction to Health Education (4)
FCS 240 Nutrition I (3)
HLTH 311 Family Life and Sex Education (3)
HLTH 335 Emotional Health in the Classroom (3)
HLTH 420 Health Teaching Methods (5)
HLTH 454 Chronic and Infectious Diseases (3)
HLTH 460 Introduction to Epidemiology (3)
HLTH 475 Biostatistics (3)

Electives (6 credits):
HLTH 361 Health Communications (3)
HLTH 400 Women’s Health (3)

HLTH 410 Current Health Issues (3)
HLTH 441 Death Education (3)
HLTH 450 Environmental Health (3)
HLTH 451 Stress and Health (3)
HLTH 455 Health and Aging (3)
HLTH 459 Critical Topics in Health (1-3)
BIOL 230 Human Physiology (4)

Required General Education: (9 credits)
HLTH 210 First Aid and CPR (3)
HLTH 212 Consumer Health Issues (3)
HLTH 310 Drug Education (3)

Required Prerequisites (6 credits):
HLTH 101 Health and the Environment (3)
SPEE 102 Public Speaking (3)

Required Support Courses (6 credits):
CHEM xxx Elective (3)
BIOL 100 Our Natural World (4)

Required Support Courses: not general education: (4 credits):
BIOL 220 Human Anatomy (4)

COMMUNITY HEALTH MINOR

Required for Minor (Core, 21 credits):
HLTH 260 Introduction to Health Education (4)
HLTH 361 Health Communications (3)
HLTH 454 Chronic and Infectious Diseases (3)
HLTH 460 Introduction to Epidemiology (3)
HLTH 480 Community and Program Development for Health (4)
HLTH 496 Internship: Community Health (4)

Required Electives Minor (3 credits):
Choose a minimum of 3 Health Science credits from required electives for major.

POLICIES/INFORMATION

GPA Policy. A 2.5 GPA is required for admission to the college and the department majors.
P/N Grading Policy. All major courses must be taken for grade.

COURSE DESCRIPTIONS

HLTH 101 (3) Health and the Environment
This course is designed to introduce the wellness concept, encouraging development of physical, mental, social and environmental health of the individual. The course ultimately fosters decision-making through a variety of instructional strategies.
Fall, Spring
GE-10

HLTH 210 (3) First Aid & CPR
Provides the knowledge and skills necessary in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness. Includes First Aid certification for the non-professional and all aspects of CPR for the non-professional and professional.
Fall, Spring
GE-11

HLTH 212 (3) Consumer Health Issues
This course designed to examine health products, services, and information from the consumer’s perspective. Emphasis will be placed on those factors that influence and ultimately determine which products, services, and information sources that you will either accept or reject.
Fall, Spring
GE-2
HLTH 215 (1) CPR Basic Rescuer
Certification and recertification in all aspects of CPR for the non-professional and professional. Emphasizes recognition and care for cardiac and respiratory emergencies; special rescue situations, minimizing risk of disease transmission, use of pocket and bag-valve resuscitation devices, and two rescuer CPR. Variable

HLTH 225 (3) Introduction to Alcohol and Drug Studies
This course provides information on a variety of topics related to chemical use, abuse and dependency. Students will be exposed to chemical dependency counseling, assessment and intervention techniques. Different drug classifications will be discussed in detail. Counselor core functions and ethics will be discussed also.
Fall, Spring

HLTH 260 (4) Introduction to Health Education
Health 260 is required of all Health Science majors and minors. This is the foundation class for the professional preparation of health educators. The course explores the knowledge, skills, and competencies of health educators in various settings. Health 260 is a prerequisite for all 300 and 400 level School and Community Health required courses.
Fall, Spring

HLTH 310 (3) Drug Education
Addresses drugs and drug use from psychological, behavioral, pharmacological, historical, legal and clinical perspectives - while examining the effects of drug use on personal health and social functioning.
Fall, Spring

HLTH 311 (3) Family Life & Sex Education
Explores biological, physiological, and sociological perspectives of human sexuality. The course examines personal and family relationships and addresses family life and sex education teaching methods for school and community settings.
Spring

HLTH 315 (3) Holistic Health and Wellness
This course presents a study of the essential nature and characteristics of total health. The course explores dimensions of mental, physical, social, and spiritual wellbeing. Various approaches to holistic health and wellness are considered.
Spring

HLTH 321 (3) Medical Terminology
For health care personnel, emphasis on spelling, pronunciation and meaning.
Fall, Spring

HLTH 335 (3) Emotional Health in the Classroom
This course presents school health teachers and support staff with materials related to principles and practices of mental health in the classroom and for the teaching of mental health. Reviews role of teacher in promotion of positive mental health and self esteem for children and youth. Decision-making and problem-solving models are explored. Curriculum development and teaching methodology are considered for implementing and teaching effective mental health within the elementary and secondary school.
Pre: HLTH 101; School Health Major
Fall

HLTH 361 (3) Health Communications
Health Communications focuses upon the development of skills necessary to communicate technical and practical information for the health professional. Theory and practice of written, verbal and electronic communication methods will be addressed.
Pre: HLTH 260
Fall, Spring

HLTH 400 (3) Women’s Health
This course explores current issues, controversies and concerns affecting women’s health. Relationships between social, cultural, psychological, environmental and physical factors of women’s health status are examined.
Spring

HLTH 401 (3) Current Health Issues
An in-depth review of significant current health concerns and controversies in health science using the elements of reasoning as the framework for critiquing the issues.
Pre: HLTH 475
Fall, Spring

HLTH 420 (5) Health Teaching Methods
Overview of methodology and materials used in the school health setting. Review curriculum development, teaching strategies and program administration. Includes the preparation and presentation of lessons.
Pre: HLTH 260
Spring

HLTH 440 (2) Teaching First Aid and CPR
American Red Cross instructor certification for Community First Aid and Safety courses. Includes review of course contents, preparation in teaching principles, methods, strategies, course materials and their use, clerical duties, and teaching experience.
Pre: HLTH 210
Variable

HLTH 441 (3) Death Education
Explores the relationship of death concerns to the process of meaningful living. Uses a variety of learning strategies to examine death attitudes, values and related behaviors.
Fall

HLTH 449 (3) Clinical Health Education
Course is designed for health educators preparing for employment in a medical/health care setting and includes an overview of hospital-clinic based educational program. Patient interviewing and counseling skills are presented for professional and paraprofessional health care personnel. Course emphasis is on developing and preparing a teaching module in patient education.
Pre: HLTH 454
ALT-Fall

HLTH 450 (3) Environmental Health
To promote identification and analysis of environmental influences upon health status. Health concerns related to residential, occupational, and other environments are explored. Problems pertaining to air, water, solid waste, housing, land use, toxic waste, and sanitation are addressed.
Fall

HLTH 451 (3) Stress and Health
Emphasis is on recognition of, and enhancing awareness about, how stress affects human health and performance. Stress management techniques such as relaxation, effective communication, cognitive-behavioral approaches, eating behaviors, regular exercise, and time management are explored.
Spring

HLTH 454 (3) Chronic and Infectious Diseases
The purpose of this course is to develop the knowledge and understanding of the causes, symptoms and methods of controlling and preventing chronic and infectious diseases. Primary and secondary prevention strategies will be identified. Emphasis will be placed on those behaviors that foster and those that hinder well-being.
Pre: HLTH 260
Fall, Spring

HLTH 455 (3) Health and Aging
This course investigates the physical and mental health concerns of the aging process. Explores specific health problems confronting older persons, and exam-
ines preventive health behaviors and health maintenance practices.

CD-Related

**HLTH 456 (3) Assessment of Chemical Dependency**
This course is designed to provide students with practical knowledge and application techniques in assessing an individual with a chemical use/dependency problem. Various assessment techniques will be presented and discussed as to appropriate utilization. This course meets the criteria or Rule 25 training in Chemical Dependency Assessment.
Pre: HLTH 225
Spring

**HLTH 459 (1-3) Critical Topics in Health**
An in-depth study of specific topics of current interest in the Health Science discipline. Variable

**HLTH 460 (3) Introduction to Epidemiology**
Examines the philosophy and rationale of current epidemiological practice. Requires the application of epidemiological techniques to selected health concerns. Explores the interaction of agent, host and environment with the emphasis on application of principles of prevention.
Fall, Spring

**HLTH 465 (3) Health Care Delivery in the United States**
An examination of the system of delivery of health care in the United States from a historical, social, political, and economic perspective. Variable

**HLTH 467 (3) Public Health Law**
An examination of the judicial system and the development, enactment and enforcement of laws as they relate to the public’s health. Variable

**HLTH 469 (3) Chemical Dependency: Dual Diagnosis**
The focus of this course is on assessment and treatment of persons with coexisting mental disorders as well as chemical dependency.
Pre: HLTH 225
Fall

**HLTH 475 (3) Biostatistics**
Introduction to statistical analysis as applied to the health sciences. Examines concepts and methods of statistical procedures applied to health problems and issues.
Fall, Spring

**HLTH 480 (4) Community and Program Development for Health**
Focuses upon knowledge and skills necessary for community organization and program development. The course identifies and explores methods and techniques needed for organizing a community for implementing health promotion programs. Principles of program planning, implementation and evaluation are presented.
Pre: HLTH 260, HLTH 361, HLTH 460
Fall

**HLTH 488 (3) Worksite Health Promotion**
The course examines approaches to promote health and prevent disease and injury, and explores other health related issues at the workplace. Assessment, planning, implementation and evaluation strategies are addressed. Model programs are reviewed and analyzed.
ALT-Fall

**HLTH 490 (1-4) Workshop**
Intensive educational experience on selected topics related to skill development, content update, or material development. Typically offered in a concentrated format. Variable

**HLTH 496 (1-8) Internship: Community Health**
A concentrated pre-professional work experience for those students preparing for a career in community health. Student must schedule placement one semester in advance.
Pre: Completion of all Community Health core courses
Fall, Spring

**HLTH 497 (1-12) Internship: Alcohol and Drug Studies**
A concentrated pre-professional experience for those preparing for a career in chemical dependency counseling. All course work must be completed prior to placement. Student must schedule placement one semester in advance.
Pre: Course work completed
Fall, Spring

**HLTH 499 (1-6) Individual Study**
An in-depth study on a topic of particular interest to the student and project supervisor.
Fall, Spring

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