

DEPARTMENT OF PUBLIC HEALTH

The Department of Public Health offers a Bachelor of Science (B.S.) degree in Public Health and a degree in Health Administration, as well as a minor in Community Health and a minor in Wellness.

The B.S. degree in Public Health with concentrations in Health Promotion and Health Services provides students the opportunity to prepare for health careers in city, county, state, and national government health agencies; non-profit organization; and other health agencies. The degrees require both academic coursework and practical experience via an internship. Additionally this program prepares students for admission to graduate programs in public health, community health, and health promotion. The Health Services concentration may also allow students to meet prerequisites for health profession programs. Students interested in pursuing a major in public health or one of two minors offered (community health and wellness) are required to consult with their academic advisor.

Department Honors

The Department of Public Health awards Department Honors to certain outstanding students and provides the opportunity for advanced study under close faculty supervision.

Selection of honors designation is based on the student's academic performance and recommendation by the faculty of the student's major discipline. To be eligible for the program, students must have a minimum overall grade point average of 3.0 at UTSA and a minimum grade point average of 3.5 in their major at UTSA. The minimum grade point averages must be maintained for students to receive the approval of the Department Honors Committee and the discipline faculty. Students applying for Department Honors are expected to enroll in the appropriate honors thesis course during their final two semesters. The completed thesis must be approved by the supervising faculty sponsor and another departmental faculty member. Students interested in this program should contact their professors for additional information.

- B.S. degree in Health Administration (p. 1)
- B.S. degree in Public Health (p. 3)

Bachelor of Science Degree in Health Administration

The Bachelor of Science in Health Administration program prepares graduates to work in entry and middle management roles in a variety of healthcare settings, including public health, safety net, community-based, and primary care organizations, as well as hospital/tertiary care settings. The program aims to help aspiring health professionals develop the knowledge, skills, capabilities, and personal characteristics necessary to thrive on career paths in the field of health administration. This includes training and development opportunities that prepare students to become effective and ethical leaders.

All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements as outlined below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.S. degree in Health Administration must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements; however, if these courses are taken to satisfy both requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

MAT 1053 should be taken to satisfy the core requirement in Mathematics. ECO 2023 or ECO 2003 should be used to satisfy the core requirement in Social and Behavioral Sciences, as it serves as the prerequisite for ECO 3233.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degree requirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

The Bachelor of Science (B.S.) in Health Administration degree requires students to complete a minimum of 120 semester credit hours.

Degree Requirements

Code	Title	Credit Hours
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A. Required Courses in the College for Health, Community and Policy 30 (HCAP)

HTH 2413	Introduction to Community and Public Health
HTH 2623	Database Management in Community and Public Health
HTH 3503	Theories of Health Behavior
HTH 3663	Program Planning and Evaluation
HTH 4053	Health Care System
HTH 4563	Health Policy, Law and Ethics
HTH 4593	Professional Development in Health Administration
HTH 4603	Capstone I in Population Health Management
HTH 4613	Capstone II Strategy and Value-based Care
HTH 4943	Health Administration Internship

B. Required Courses in the Carlos Alvarez College of Business (ACOB) and College of Sciences (COS) 36

ACC 2003	Foundations of Accounting
ECO 2023	Introductory Microeconomics (core and major)

or ECO 2003	Economic Principles and Issues	
ECO 3233	Health Economics and Policy	
FIN 3003	Survey of Finance	
IS 1413	Excel for Business Information Systems	
IS 4583	Healthcare Information Systems and Cyber Security	
MAT 1053	Mathematics for Business (core and major)	
MGT 3613	Managing Human Resources	
MGT 4103	Introduction to Healthcare Management	
MKT 3013	Principles of Marketing	
MS 4213	Analytics for Healthcare Operations Management	
STA 1053	Basic Statistics	
C. Electives in ACOB or HCAP		18
Total Credit Hours		84

Course Sequence Guide for B.S. Degree in Health Administration

These course sequence guides are designed to assist students in completing the requirements for their UTSA undergraduate Public Health degree. *These are merely guides, and students must satisfy other requirements of this catalog and meet with their academic advisor for individualized degree plans.* Progress within these guides depends upon such factors as course availability, individual student academic preparation, student time management, work obligations, and individual financial considerations. Students may choose to take courses during Summer terms to reduce course loads during long semesters.

B.S. in Health Administration - Four-Year Academic Plan

First Year

		Credit Hours
Fall		
AIS 1233 or AIS 1203	AIS: Business or Academic Inquiry and Scholarship	3
HTH 2413	Introduction to Community and Public Health	3
IS 1413	Excel for Business Information Systems	3
MAT 1053	Mathematics for Business (core)	3
WRC 1013	Freshman Composition I (core)	3
Credit Hours		15
Spring		
ACC 2003	Foundations of Accounting	3
HTH 3503	Theories of Health Behavior	3
STA 1053	Basic Statistics	3
WRC 1023	Freshman Composition II	3
American History (core)		3
Credit Hours		15

Second Year

Fall		
ECO 2023 or ECO 2003	Introductory Microeconomics (core and major) or Economic Principles and Issues	3
FIN 3003	Survey of Finance	3

HTH 2623	Database Management in Community and Public Health	3
POL 1133 or POL 1213	Texas Politics and Society (core) or Civil Rights in Texas and America	3
Language, Philosophy & Culture (core)		3

Credit Hours 15

Spring

HTH 3663	Program Planning and Evaluation	3
HTH 4053	Health Care System	3
MKT 3013	Principles of Marketing	3
POL 1013	Introduction to American Politics	3
Life & Physical Sciences (core)		3

Credit Hours 15

Third Year

Fall

ECO 3233	Health Economics and Policy	3
HTH 4563	Health Policy, Law and Ethics	3
MGT 3613	Managing Human Resources	3
Life & Physical Sciences (core)		3
ACOB/HCAP Elective		3

Credit Hours 15

Spring

HTH 4593	Professional Development in Health Administration	3
IS 4583	Healthcare Information Systems and Cyber Security	3
MGT 4103	Introduction to Healthcare Management	3
ACOB/HCAP Elective		3
ACOB/HCAP Elective		3

Credit Hours 15

Fourth Year

Fall

HTH 4603	Capstone I in Population Health Management	3
HTH 4943	Health Administration Internship	3
American History (core)		3
MS 4213	Analytics for Healthcare Operations Management	3
ACOB/HCAP Elective		3

Credit Hours 15

Spring

HTH 4613	Capstone II Strategy and Value- based Care	3
Creative Arts (core)		3
Component Area Option (core)		3
ACOB/HCAP Elective		3
ACOB/HCAP Elective		3

Credit Hours 15

Total Credit Hours 120

Bachelor of Science Degree in Public Health

The Bachelor of Science (B.S.) degree in Public Health is offered for students who are interested in gaining knowledge and developing skills needed in a variety of health and public health-related areas, including environmental health, administration, epidemiology, and health behavior. The degree requirements consist of the University Core Curriculum, major core requirements, elective courses in areas of interest, a foreign language, and an internship. The major core introduces students to the fundamental subjects and the essential knowledge necessary for working in any field related to public health. The degree program is offered in two concentrations: (1) Health Services and (2) Health Promotion.

The degree program prepares students for health-related careers in government, private, and nonprofit organizations. In addition, graduates of this program will be competent in pursuing graduate studies in a variety of academic fields, including public health, allied health, public policy, nutrition, business, and law. For students in the Health Services concentration, it can provide a pathway to advanced studies in medicine or dentistry, if the students use the electives to fulfill the additional admission requirements for medical and dental schools.

The minimum number of semester credit hours required for this degree, including Core Curriculum requirements, is 120. Thirty-nine of the total semester credit hours required for the degree must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Internship Policy

Experiential learning is a valuable element for health professionals. An internship enables the student to gain practical experience as a professional under conditions conducive to educational development. The internship is a time-limited, supervised period of public health activities carried out in a health-oriented organization or research center. All eligible Public Health majors are expected to complete an internship (6 semester credit hours, 300 hours of internship activity; the specific format of in-person, virtual, or hybrid will be determined in conjunction with the site).

Internship Eligibility

Public Health majors are eligible to apply for an internship if they have met the following criteria:

- Have a minimum grade point average (GPA) of 2.5.
- Have completed HTH 2413, HTH 3503, HTH 3663, and HTH 3713.
- Are within 30 credits of completing the B.S. in Public Health degree.

Additionally, students must follow the guidelines outlined in the internship manual for the Department of Public Health. Students are responsible for reviewing the Department of Public Health's internship website for specific processes at least one semester before they plan to complete the internship.

Students who do not meet the GPA requirement will not be allowed to complete the internship. The internship coordinator will assign students who do not meet the GPA requirement two upper-level courses (3 credit hours each) to take in place of the internship course.

Students pursuing an internship at a site that requires a criminal background check, vaccinations, TB testing, and/or health insurance are responsible for fulfilling the criteria and submitting proof of the

requirements to the internship coordinator. Students are responsible for paying any fees associated with the completion of the background check or other requirements. Students must have the requirements completed and accepted by the internship site when the materials for the internship are submitted.

Appeal Process

Students who wish to appeal the internship requirement due to prior work experience may do so by completing and submitting the appeal materials, available from the internship coordinator, with written documentation. Prior work experience is defined as a minimum of one year (at least 2,000 documented hours) of public health work experience. Written documentation submitted with the materials includes: 1) a letter from the student detailing the work experience, completed hours, and how it fits into one's degree plan and career goals; 2) the student's résumé; and 3) letter(s) from work supervisor(s) verifying employment and stating the extent of their job responsibilities and the relationship to the degree. Work appeals must be submitted by the deadline specified for that semester on the Department of Public Health's internship website. The internship coordinator will make a recommendation to the Department Chair regarding acceptance of the work appeal. All decisions by the Department Chair are final.

Core Curriculum requirements (42 semester credit hours)

Students seeking the B.S. degree in Public Health must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements; however, if these courses are taken to satisfy both requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

STA 1053 may be used to satisfy the core requirement in Mathematics as well as a major requirement. Either BIO 1203 and BIO 1223 may be used to satisfy the core requirements in Life and Physical Sciences, or BIO 1233 and BIO 1243 may be used. Either sequence will also fulfill major requirements. HTH 2413 may be used to satisfy the core requirement in Social and Behavioral Sciences.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degree requirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

Gateway Courses

Students pursuing the B.S. degree in Public Health must successfully complete each of the following Gateway Courses with a grade of "C-" or better in no more than two attempts. A student who is unable to successfully complete these courses within two attempts, including

dropping a course with a grade of “W” or taking an equivalent course at another institution, will be required to change their major.

Code	Title	Credit Hours
HTH 2413	Introduction to Community and Public Health	3
HTH 3503	Theories of Health Behavior	3

Degree Requirements

All candidates for the B.S. degree in Public Health must complete the following 90 semester credit hours, which includes 12 -14 semester credit hours of Core Curriculum requirements.

Code	Title	Credit Hours
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A. Public Health Foundation courses

All candidates for this degree must complete the following 42 semester credit hours of coursework:

HTH 2413	Introduction to Community and Public Health	3
HTH 2623	Database Management in Community and Public Health	3
HTH 2713	Human Disease Etiology, Prevention and Treatment	3
HTH 3503	Theories of Health Behavior	3
HTH 3663	Program Planning and Evaluation	3
HTH 3713 or COM 3293	Effective Messaging in Public Health Introduction to Health Communication	3
HTH 4043	Global Health	3
HTH 4053	Health Care System	3
HTH 4503	Epidemiology	3
HTH 4543	Environmental Health	3
HTH 4563	Health Policy, Law and Ethics	3
SOC 3223	Population Dynamics and Demographic Techniques	3
SOC 4683	Health Disparities	3
STA 1053	Basic Statistics	3

B. Public Health Concentrations. All candidates for the degree in Public Health must complete the requirements for one of the following concentrations:

Health Services Concentration

All candidates for the degree in Public Health with a Health Services Concentration must complete the following 18 semester credit hours of coursework:

BIO 1203 & BIO 1201	Biosciences I for Science Majors and Biosciences I Laboratory for Science Majors	
BIO 1223 & BIO 1221	Biosciences II for Science Majors and Biosciences II Laboratory for Science Majors	
HTH 2601	Field-Based Skills in Community Health and Preventive Services	

Select at least 9 semester hours of the following:

ANT 3523	Medical Anthropology
BIO 2053	Human Anatomy and Physiology I
BIO 2063	Human Anatomy and Physiology II

BIO 2313	Genetics
BIO 3413	General Physiology
BIO 3422	Physiology Laboratory
GES 3443	Medical Geography
MMI 3713	Microbiology
MMI 3722	Microbiology Laboratory
NDRB 3613	Brain and Behavior
NDRB 3433	Neurobiology
SOC 3213	Medical Sociology

All candidates for the degree in Public Health with a Health Promotion Concentration must complete the following 18 semester credit hours of coursework:

Health Promotion Concentration

BIO 1233	Contemporary Biology I
BIO 1243	Contemporary Biology II
HTH 3513	Community Health

Select at least 9 semester credit hours from the following list of courses:

HTH 3043	Principles of Weight Management
HTH 3303	Physical Activity and Health
HTH 3533	Drugs and Health
HTH 3543	Growth and Development
HTH 3553	Emotional Wellness
HTH 3563	Child and Adolescent Health Promotion
HTH 4513	Consumer Health
HTH 4523	Understanding Human Sexuality
HTH 4533	Nutrition and Health
KIN 4023	Exercise Psychology
MGT 3013	Introduction to Organization Theory, Behavior, and Management
PSY 4253	Psychology of Health
SOC 3213	Medical Sociology

C. Advanced Public Health Requirement

All candidates for this degree must complete 6 semester credit hours of an internship in public health and a 1 semester credit hour Capstone course.

HTH 4936	Internship in Health	6
HTH 4921	Capstone for Public Health	1

D. Foreign Language

All candidates for this degree must complete 6 hours of coursework in a single foreign language.

E. Free electives

All candidates for this degree must complete up to 17 hours of free electives to meet the 120 hour minimum for the degree, including a sufficient number of electives at the upper-division level to meet the UTSA minimum of 39 upper-division hours.

Total Credit Hours **90**

Course Sequence Guides for B.S. Degree in Public Health

These course sequence guides are designed to assist students in completing the requirements for their UTSA undergraduate Public Health degree. *These are merely guides, and students must satisfy other requirements of this catalog and meet with their academic advisor for individualized degree plans.* Progress within these guides depends

upon such factors as course availability, individual student academic preparation, student time management, work obligations, and individual financial considerations. Students may choose to take courses during Summer terms to reduce course loads during long semesters.

B.S. in Public Health, Health Services Concentration – Four-Year Academic Plan

First Year

Fall		Credit Hours
AIS 1263	AIS: Life and Health Sciences	3
HTH 2413	Introduction to Community and Public Health (core and major)	3
STA 1053	Basic Statistics (core and major)	3
WRC 1013	Freshman Composition I (core)	3
Language, Philosophy & Culture (core)		3
Credit Hours		15

Spring

BIO 1203 & BIO 1201	Biosciences I for Science Majors and Biosciences I Laboratory for Science Majors (core and major)	4
HIS 1043 or HIS 1053 or HIS 2053	United States History: Pre-Columbus to Civil War Era (core) or United States History: Civil War Era to Present or Texas History	3
WRC 1023	Freshman Composition II (core)	3
HTH 2713	Human Disease Etiology, Prevention and Treatment	3
Free elective		3
Credit Hours		16

Second Year

Fall		Credit Hours
BIO 1223 & BIO 1221	Biosciences II for Science Majors and Biosciences II Laboratory for Science Majors (core and major)	4
HIS 1043 or HIS 1053 or HIS 2053	United States History: Pre-Columbus to Civil War Era (core) or United States History: Civil War Era to Present or Texas History	3
HTH 3503	Theories of Health Behavior	3
HTH 2623	Database Management in Community and Public Health	3
Free elective		3
Credit Hours		16

Spring

HTH 2601	Field-Based Skills in Community Health and Preventive Services	1
HTH 3663	Program Planning and Evaluation	3
HTH 3713	Effective Messaging in Public Health	3
SOC 3223	Population Dynamics and Demographic Techniques	3
Component Area Option (core)		3
Creative Arts (core)		3
Credit Hours		16

Third Year

Fall

POL 1013	Introduction to American Politics (core)	3
Free elective		3
HTH 4043	Global Health	3
Free elective		3
Foreign language (semester I)		3
Credit Hours		15

Spring

HTH 4503	Epidemiology	3
POL 1133 or POL 1213	Texas Politics and Society (core) or Civil Rights in Texas and America	3
HTH 4053	Health Care System	3
HTH 4563	Health Policy, Law and Ethics	3
Foreign language (semester II)		3
Credit Hours		15

Fourth Year

Fall

HTH 4543	Environmental Health	3
SOC 4683	Health Disparities	3
Concentration course (upper-division)		3
Concentration course		3
Concentration course		3
Credit Hours		15

Spring

HTH 4936	Internship in Health	6
HTH 4921	Capstone for Public Health	1
Free elective		3
Free elective (to meet 120 hour minimum)		2
Credit Hours		12
Total Credit Hours		120

B.S. in Public Health, Health Promotion Concentration – Four-Year Academic Plan

First Year

Fall		Credit Hours
AIS 1203	Academic Inquiry and Scholarship (core)	3
HTH 2413	Introduction to Community and Public Health (core and major)	3
STA 1053	Basic Statistics (core and major)	3
WRC 1013	Freshman Composition I (core)	3
Language, Philosophy & Culture (core)		3
Credit Hours		15

Spring

BIO 1233	Contemporary Biology I (core and major)	3
HIS 1043 or HIS 1053 or HIS 2053	United States History: Pre-Columbus to Civil War Era (core) or United States History: Civil War Era to Present or Texas History	3

POL 1013	Introduction to American Politics (core)	3
WRC 1023	Freshman Composition II (core)	3
Free elective		3
Credit Hours		15
Second Year		
Fall		
BIO 1243	Contemporary Biology II (core and major)	3
HIS 1043 or HIS 1053 or HIS 2053	United States History: Pre-Columbus to Civil War Era (core) or United States History: Civil War Era to Present or Texas History	3
HTH 3503	Theories of Health Behavior	3
POL 1133 or POL 1213	Texas Politics and Society (core) or Civil Rights in Texas and America	3
Creative Arts (core)		3
Credit Hours		15
Spring		
HTH 2623	Database Management in Community and Public Health	3
HTH 3663	Program Planning and Evaluation	3
SOC 3223	Population Dynamics and Demographic Techniques	3
HTH 2713	Human Disease Etiology, Prevention and Treatment	3
Component Area Option (core)		3
Credit Hours		15
Third Year		
Fall		
HTH 3713	Effective Messaging in Public Health	3
HTH 4043	Global Health	3
HTH 3513	Community Health	3
Free elective		3
Foreign language (semester I)		3
Credit Hours		15
Spring		
HTH 4503	Epidemiology	3
HTH 4543	Environmental Health	3
HTH 4053	Health Care System	3
Free elective		3
Foreign language (semester II)		3
Credit Hours		15
Fourth Year		
Fall		
HTH 4563	Health Policy, Law and Ethics	3
SOC 4683	Health Disparities	3
Concentration course (upper division)		3
Concentration course		3
Concentration course		3
Credit Hours		15

Spring		
HTH 4936	Internship in Health	6
HTH 4921	Capstone for Public Health	1
Free elective		3
Free elective		3
Free elective (to meet 120 hour minimum)		2
Credit Hours		15
Total Credit Hours		120

Accelerated Master of Public Health: (4+1) Program for Public Health Majors

This is a collaborative program between The University of Texas at San Antonio and UTHealth Houston - School of Public Health.

Program Description

The Accelerated Master of Public Health (MPH) 4+1 program provides a direct line for Public Health students to enroll in and complete their master's coursework over the course of five years, as opposed to the traditional four years of undergraduate work and two years of graduate work. The Accelerated MPH Program between The University of Texas at San Antonio (UTSA) and UTHealth Houston - School of Public Health (UTHealth Houston SPH) allows undergraduate public health majors to streamline and advance their education efficiently.

The student will graduate with a baccalaureate degree in public health while earning a certificate in public health from UTHealth Houston SPH. Additionally, they will have the opportunity to complete a Master of Public Health (MPH) degree program in one additional year instead of the customary two years. Upon graduation from UTSA, students can immediately transition to master's status and continue on to complete the remaining degree requirements at UTHealth Houston SPH. Students who do not wish to continue with the master's degree will graduate with a certificate in public health from UTHealth Houston SPH.

Graduates will be expected to acquire the education, skill-set, and experience needed to enter the professional work force in any of the varied fields of public health, or be well prepared to continue with their education through doctoral studies or in professional degrees such as medicine, dentistry, and pharmacy.

Requirements

Students in good standing in the Bachelor of Science in Public Health program who have a minimum cumulative grade point average of a 3.2 or higher and ideally have completed select degree foundation courses can apply for acceptance into the Accelerated MPH program during their third full year of study. Students who are accepted into the Accelerated MPH program will then complete selected online or in person graduate courses during their last year of study at the UTHealth San Antonio Regional Campus. This coursework will simultaneously satisfy remaining undergraduate requirements, as well as the core courses for the Master of Public Health (MPH) degree. After satisfying the undergraduate degree requirements students will then apply for and finish the graduate program.

- Minor in Community Health (p. 7)
- Minor in Wellness (p. 7)

Minor in Community Health

All students pursuing the Minor in Community Health must complete the following 18 semester credit hours:

Code	Title	Credit Hours
HTH 2413	Introduction to Community and Public Health	3
HTH 2623	Database Management in Community and Public Health	3
HTH 3503	Theories of Health Behavior	3
HTH 3513	Community Health	3
HTH 3663	Program Planning and Evaluation	3
One additional course selected from the following:		3
HTH 3003	Survey of Drugs and Health	
HTH 3013	Survey of Human Nutrition	
HTH 3023	Survey of Human Sexuality	
Total Credit Hours		18

Minor in Wellness

All students pursuing the Minor in Wellness must complete the following 18 semester credit hours:

Code	Title	Credit Hours
HTH 3003	Survey of Drugs and Health	3
HTH 3013	Survey of Human Nutrition	3
HTH 3023	Survey of Human Sexuality	3
HTH 3553	Emotional Wellness	3
Two additional courses selected from the following:		6
KIN 2123	Exercise as Medicine	
HTH 2513	Personal Health	
HTH 3043	Principles of Weight Management	
HTH 3543	Growth and Development	
HTH 4513	Consumer Health	
Total Credit Hours		18

To declare a Minor in Community Health or a Minor in Wellness, or to obtain advice, students should consult their academic advisor.

Health (HTH) Courses

HTH 2413. Introduction to Community and Public Health. (3-0) 3 Credit Hours.

This course is a survey of the profession of public health and the competencies required of health educators, including examination of philosophies, ethics and current trends. This course serves as a foundation for other courses in the health degree. May be applied toward the Core Curriculum requirement in Social and Behavioral Sciences. Generally offered: Fall, Spring, Summer. Course Fee: LRHC \$10; STHC \$18; DL01 \$75; LRC1 \$12.

HTH 2513. Personal Health. (3-0) 3 Credit Hours. (TCCN = PHED 1304)

Emphasizes the concept of mind, body, and spirit as necessary components of total well-being; principles of preventive health; and self-responsibility for personal health behaviors. May be applied toward the Core Curriculum requirement in Social and Behavioral Sciences. Generally offered: Fall, Spring. Course Fees: LRHC \$10; STHC \$18; DL01 \$75; LRC1 \$12.

HTH 2601. Field-Based Skills in Community Health and Preventive Services. (1-0) 1 Credit Hour.

Prerequisite: HTH 2413. This course introduces students to practices and skills that are commonly used in community health and preventive health services. These include health screening skills and skills for communicating and interpreting screening results. The course offers hands-on practice of these skills. Course Fees: LRHC \$10; STHC \$6.

HTH 2623. Database Management in Community and Public Health. (3-0) 3 Credit Hours.

This course will focus on practical issues in database management. Students will learn how to perform basic data management tasks, migrate data between various file formats, share data using cloud data management systems, prepare data for statistical analysis, conduct statistical analyses common in community and public health, perform data quality control and assurance procedures and develop formal documents for the presentation of data and analytical results. Database management and statistical software, including Qualtrics, IBM SPSS Statics, Microsoft Excel, and R, will be used. (Formerly titled "Applied Technology for Research and Health Education"). Generally offered: Fall and Spring semesters. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

HTH 2713. Human Disease Etiology, Prevention and Treatment. (3-0) 3 Credit Hours.

An in-depth look at the etiology, prevention, and treatment of communicable and non-communicable diseases afflicting humans. Generally offered: Fall and Spring. Course Fee: LRHC \$10; STHC \$18.

HTH 3003. Survey of Drugs and Health. (3-0) 3 Credit Hours.

Study of the use and abuse of drugs and other substances. Examines addiction, dependence, tolerance, motivation for use, and effects of substance abuse on health and society. Generally offered: Fall, Spring. Course Fees: DL01 \$75; LRHC \$10; STHC \$18.

HTH 3013. Survey of Human Nutrition. (3-0) 3 Credit Hours.

An overview approach to understanding the principles of nutrition and their effect on health and fitness. Emphasis on major nutritional issues throughout the human life cycle; self-evaluation of diet and fitness habits. Generally offered: Fall, Spring. Course Fees: DL01 \$75; LRHC \$10; STHC \$18.

HTH 3023. Survey of Human Sexuality. (3-0) 3 Credit Hours.

A study examining the breadth of human sexuality, including psychosocial, cultural and physical aspects, and its impact on our lives. Course Fees: DL01 \$75; LRHC \$10; STHC \$18.

HTH 3031. Peer Education in Health. (1-1) 1 Credit Hour.

Prerequisite: Consent of instructor. Course offers the opportunity for students to participate in the Student Health Services Peer Educator Program. Students will have the opportunity to learn about health topics relevant to the college student population and implement outreach activities to educate and encourage the adoption of healthy behaviors among the UTSA student community. May be repeated for credit for a maximum of 6 semester credit hours. Generally offered: Fall, Spring. Course Fee: LRHC \$10; STHC \$6.

HTH 3043. Principles of Weight Management. (3-0) 3 Credit Hours.

An in-depth study of the field of prevention and management of obesity. This course provides practical application of nutritional, psychological, and physical activity principles that help individuals manage their own weight and is suitable for students in health, kinesiology, psychology, biology, counseling, or others. A noncompetitive, monitored activity component is required. Course Fee: LRHC \$10; STHC \$18.

HTH 3303. Physical Activity and Health. (3-0) 3 Credit Hours.

Prerequisite: HTH 3503 and HTH 3663. The course provides a survey of the health-related effects and social-cultural and behavioral determinants of physical activity and exercise. Biological/physiological mechanisms for adaptations to physical activity are also addressed. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

HTH 3503. Theories of Health Behavior. (3-0) 3 Credit Hours.

Designed to provide an overview of health behavior theories, program planning models and multi-level interventions typically used in public health. Each level of the socio-ecological model will be discussed including individual, interpersonal, organization, community and policy. Directed field experience is required. Generally offered: Fall, Spring, Summer. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

HTH 3513. Community Health. (3-0) 3 Credit Hours.

Prerequisite: HTH 2413 and HTH 3503. Study of community health problems and the function and organization of public, private, and voluntary health agencies. Critical issues and solutions in community health will be examined. Directed field experience is required. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

HTH 3533. Drugs and Health. (3-0) 3 Credit Hours.

Prerequisite: HTH 2413, HTH 3503, and HTH 3663. Study of the use and abuse of drugs and other substances. Examines addiction, dependence, tolerance, motivation for use, and effects of substance abuse on health and society. Application of theories and models for program development, implementation and evaluation. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

HTH 3543. Growth and Development. (3-0) 3 Credit Hours.

Physical, social, and psychological development throughout the lifespan. Implications for health professionals at all stages of development (prenatal to death) are addressed. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

HTH 3553. Emotional Wellness. (3-0) 3 Credit Hours.

Practical application of techniques for shaping healthier emotional behavior; emphasis on personality, stress management, and fulfilling relationships. Generally offered: Fall, Spring. Course Fees: LRHC \$10; STHC \$18; DL01 \$75.

HTH 3563. Child and Adolescent Health Promotion. (3-0) 3 Credit Hours.

Designed for students who are interested in promoting the health of youth, as well as those students pursuing academic training in education and community health. The primary goal of this course is to improve the health literacy of teachers and health promotion specialists through understanding and application of evidence-based child and adolescent health promotion concepts. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

HTH 3663. Program Planning and Evaluation. (3-0) 3 Credit Hours.

Prerequisite: HTH 2413 and HTH 3503. This course provides students with a basic understanding of planning, implementing, and evaluating health promotion programs in a variety of settings, including worksite, healthcare, and community and at various levels (individual, organization, community, policy.) Generally offered Fall, Spring. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

HTH 3713. Effective Messaging in Public Health. (3-0) 3 Credit Hours.

Prerequisite: HTH 2413. Reviews the basic concepts of public health-specific communication, including technical and professional writing and how to leverage the use of mass media and other emerging technologies. Generally offered: Fall and Spring. Course Fee: LRHC \$10; STHC \$18.

HTH 4043. Global Health. (3-0) 3 Credit Hours.

Covers the field of global health, particularly the serious health problems facing developing world populations. The course begins with an introduction to the global burden of disease and then examines the complex social, economic, political, environmental, and biological factors that structure the origins, consequences and possible treatments of disease. Provides an introductory survey of the basic issues and initiatives in contemporary international public health, and develops student awareness of the socioeconomic and cultural complexity of health problems in developing nations. (Formerly SOC 4043 and PUB 4043. Credit can only be earned for one of the following: HTH 4043, PUB 4043, or SOC 4043). Generally offered: Fall, Spring. Course Fee: LRHC \$10; STHC \$18.

HTH 4053. Health Care System. (3-0) 3 Credit Hours.

Covers the complexities of health care organization and finance and presents a general overview of how the U.S. health care systems work and how the major components within the system fit together. Covers basic structures and operations of the U.S. health system - from its historical origins and resources, to its individual services, cost, and quality. Compares and contrasts the U.S. health care system with other health care systems around the world. (Formerly SOC 4053 and PUB 4053. Credit can only be earned for one of the following: HTH 4053, PUB 4053, or SOC 4053). Generally offered: Fall and Spring. Course Fees: LRHC \$10; STHC \$18.

HTH 4503. Epidemiology. (3-0) 3 Credit Hours.

Prerequisite: HTH 2413 and HTH 2713. Provide basic knowledge about epidemiological applications, including the investigative methods and research designs for studying disease outbreaks, new epidemics and chronic disease. Generally offered: Fall and Spring. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

HTH 4513. Consumer Health. (3-0) 3 Credit Hours.

Study of the consumer's selection of health products and services; health frauds, scams and quackery; and the acquisition of basic knowledge for making responsible decisions when selecting professional, complementary, or alternative health care services and products. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

HTH 4523. Understanding Human Sexuality. (3-0) 3 Credit Hours.

Prerequisite: HTH 2413, HTH 3503, and HTH 3663. An in-depth study of human sexuality, including psychosocial, cultural and physical aspects. Application of theories and models for program development, implementation and evaluation. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

HTH 4533. Nutrition and Health. (3-0) 3 Credit Hours.

Prerequisite: HTH 2413, HTH 3503, HTH 3663, and HTH 3013, BIO 2043, or NDT 2043. An in-depth examination of the principles of nutrition and their effects on health and fitness. Emphasis on critical thinking and translation of nutritional knowledge to real-world settings. Includes self-evaluation of diet and fitness habits. Application of health theories and models for program development, implementation, and evaluation in nutritional context. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

HTH 4543. Environmental Health. (3-0) 3 Credit Hours.

Introduction to the major areas of environmental health presented in the context of epidemiology, toxicology, and prevention and control. Subjects may include water and air quality, solid and liquid waste, hazardous chemicals, radiation, infectious agents, food safety, and occupational health. Generally offered: Fall, Spring. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

HTH 4563. Health Policy, Law and Ethics. (3-0) 3 Credit Hours.

Prerequisite: HTH 2413. Introduction to health policy issues including related interventions, theoretical motivations, influence of the political, bureaucratic, and social environments on policy, and population health consequences of policy. Legal and ethical components are also discussed. Generally offered Fall, Spring. Course Fee: LRHC \$10; STHC \$18.

HTH 4593. Professional Development in Health Administration. (3-0) 3 Credit Hours.

This course will provide students with professional development opportunities to enhance their understanding of healthcare and healthcare administration and prepare them for the job market. In addition to leadership and management skills, the course will focus on AUPHA competencies: Cultural competency and diversity, Ethics in business and clinical decision-making, and the U.S. Healthcare system.

HTH 4603. Capstone I in Population Health Management. (3-0) 3 Credit Hours.

This course provides an opportunity for students to engage in a variety of public health and healthcare settings under the supervision of faculty to develop the skills needed to implement change to improve population health. Students will integrate and apply the skills and knowledge acquired through their coursework to complete a project that will draw on their real-world or field experiences. This class may require fieldwork. AUPHA competencies covered within this course include: Management of healthcare organizations and concepts related to Population and community health.

HTH 4613. Capstone II Strategy and Value-based Care. (3-0) 3 Credit Hours.

This is the culminating capstone course for all undergraduate healthcare administration students. The course will: (1) help students discover and develop new and effective ways of managing and working with diverse stakeholders within the healthcare field and (2) help accelerate students' development of context awareness, integrative management, and industry skills needed to lead in a rapidly changing healthcare sector. Students will work closely with their faculty and industry experts to identify issues in a healthcare setting, propose solutions, and develop a detailed written report and final presentation in front of the client/faculty and fellow classmates. AUPHA competencies covered within this course include: Leadership development, Developing strategy formulation and implementation, and Understanding the complexities of the U.S. Healthcare system.

HTH 4911. Independent Study. (0-0) 1 Credit Hour.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Department Chair, and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. Course Fee: STHC \$6.

HTH 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Department Chair, and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. Generally offered: Spring. Course Fee: STHC \$18.

HTH 4921. Capstone for Public Health. (1-0) 1 Credit Hour.

Prerequisite: Completion of or concurrent enrollment in HTH 4936. This course aids students in synthesizing their classroom and internship experiences to reinforce critical skills and key responsibilities for students in public health. This course will provide students with an overview of resources, skills, and recommendations regarding their professional development. Students are required to take this course during their last semester. Course Fee: DL01 \$25; LRHC \$10; STHC \$6.

HTH 4936. Internship in Health. (0-0) 6 Credit Hours.

Prerequisite: Student must be within 30 credits of completing the BS in Public Health degree, have a minimum grade point average (GPA) of 2.5, and have completed HTH 2413, HTH 3503, HTH 3663, and HTH 3713; if student does not have a 2.5 GPA, they should contact the department about substitution options. The course provides the opportunity for work experience related to public health. Opportunities are developed in consultation with the Department of Public Health and local organizations. No more than 6 semester credit hours of internship will apply to a bachelor's degree. Generally offered: Fall, Spring, Summer. Course Fee: STHC \$36; LRHC \$10.

HTH 4943. Health Administration Internship. (0-0) 3 Credit Hours.

Prerequisite: Senior status. The course provides the opportunity for work experience related to health administration. Opportunities are developed in consultation with the Department of Public Health and local organizations. AUPHA competencies covered include: Cultural competence and diversity and Leadership and management of healthcare organizations.

HTH 4951. Special Studies in Health. (1-0) 1 Credit Hour.

Prerequisite: Consent of instructor. Organized course offering the opportunity for specialized study in an area of health not available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. Course Fees: LRHC \$10; STHC \$6.

HTH 4952. Special Studies in Health. (2-0) 2 Credit Hours.

Prerequisite: Consent of instructor. Organized course offering the opportunity for specialized study in an area of health not available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. Course Fees: LRHC \$10; STHC \$12.

HTH 4953. Special Studies in Health. (3-0) 3 Credit Hours.

Prerequisite: Consent of instructor. Organized course offering the opportunity for specialized study in an area of health not available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. Course Fees: LRHC \$10; STHC \$18; DL01 \$75.

HTH 4993. Honors Thesis. (0-0) 3 Credit Hours.

Prerequisites: Enrollment limited to candidates for honors in the Department of Health and Kinesiology during the last two semesters; consent of the Honors College. Supervised research and preparation of an honors thesis. May be repeated once for credit with advisor's approval. Course Fee: STHC \$18, LRHC \$10.