School of Interdisciplinary Studies

Healthcare Studies (BS)

Overview

The Bachelor of Science degree in Healthcare Studies is designed for pre-health students who want to pursue careers in healthcare fields such as medicine, pharmacy, dentistry, optometry, physical therapy, health care administration, occupational therapy, physician assisting, and podiatry.

The school of Interdisciplinary Studies offers the degree, which provides the academic foundation for pre-health students to prepare for advanced study as well as the essential knowledge components in healthcare studies.

Science foundation areas within the degree include biology, chemistry, and physics. Healthcare studies areas include pre-health professional development, a healthcare internship, medical terminology, psychological aspects of health and illness, understanding of the U.S. healthcare system, patient education, and prevention.

Bachelor of Sciences in Healthcare Studies

Degree Requirements (120 semester credit hours)¹

I. Core Curriculum Requirements: 42 semester credit hours²

Communication: 6 semester credit hours

COMM 1311 Survey of Oral and Technology-based Communication

RHET 1302 Rhetoric

Mathematics: 3 semester credit hours

One of the following

MATH 1325 Applied Calculus I

MATH 2413 Differential Calculus

MATH 2417 Calculus I

Life and Physical Sciences: 6 semester credit hours

CHEM 1311 General Chemistry I³

CHEM 1312 General Chemistry II³
Language, Philosophy and Culture: 3 semester credit hours

One of the following:

HUMA 1301 Exploration of the Humanities
PHIL 1301 Introduction to Philosophy

Or select any 3 semester credit hours from Language, Philosophy and Culture core courses

Creative Arts: 3 semester credit hours

One of the following:

AHST 2331 Understanding Art
ARTS 1301 Exploration of the Arts
DRAM 1310 Understanding Theater
FILM 2332 Understanding Film

Or select any 3 semester credit hours from Creative Arts core courses

American History: 6 semester credit hours

Two of the following:

HIST 1301 U.S. History Survey to Civil War
HIST 1302 U.S. History Survey from Civil War
HIST 2301 History of Texas

Government / Political Science: 6 semester credit hours

GOVT 2305 American National Government
GOVT 2306 State and Local Government

Social and Behavioral Sciences: 3 semester credit hours

PSY 2301 Introduction to Psychology

Component Area Option: 6 semester credit hours

BIOL 2311 Introduction to Modern Biology I
STAT 2332 Statistics for Life Science

II. Major Requirements: 47 semester credit hours
Major Core Course: 3 semester credit hours

**BIS 3320** The Nature of Intellectual Inquiry

Foundation I: Scientific Foundation Studies: 15 semester credit hours beyond Core Curriculum

**BIOL 2311** Introduction to Modern Biology I  
**BIOL 2111** Introduction to Modern Biology Workshop I  
**BIOL 2312** Introduction to Modern Biology II  
**BIOL 2112** Introduction to Modern Biology Workshop II  
**CHEM 1311** General Chemistry I  
**CHEM 1111** General Chemistry Laboratory I  
**CHEM 1312** General Chemistry II  
**CHEM 1112** General Chemistry Laboratory II  
**CHEM 2323** Introductory Organic Chemistry I  
**CHEM 2123** Introductory Organic Chemistry Laboratory I  
**CHEM 2325** Introductory Organic Chemistry II  
**CHEM 2125** Introductory Organic Chemistry Laboratory II

Foundation II: Healthcare Foundation Studies: 14 semester credit hours

**HLTH 1100** Career Explorations for the Health Professions  
**HLTH 1322** Human Nutrition  
**HLTH 3101** Medical Terminology  
**HLTH 3300** Pre-Health Professional Development  
**HLTH 3305** The U.S. Healthcare System  
**HLTH 4304** Health Professions Internship

Foundation III: Multidisciplinary Healthcare Studies: 15 semester credit hours

Required (9 semester credit hours):

**HLTH 3301** Issues in Geriatric Healthcare  
**HLTH 3315** Issues in Patient Education  
**PSY 4328** Health Psychology or **PSY 2314** Lifespan Development

And choose 6 semester credit hours from among the following:
ECON 3330 Economics of Health
GEOG 3357 Spatial Dimensions of Health and Disease
HLTH 3310 Health Care Issues: Global Perspectives
HLTH 4380 Special Topics in Healthcare
HMGT 4301 Introduction to Healthcare Management
PHIL 4320 Medical Ethics
PHIL 4321 Philosophy of Medicine
PSCI 4365 Law and Medicine
SOC 4369 Public Health and Society
SOC 4371 Mental Health and Illness
SOC 4372 Health and Illness

III. Prescribed Elective Requirements: 22 semester credit hours

Required for all freshmen: 1 semester credit hour

UNIV 1010 Freshman Seminar
BIS 1100 Interdisciplinary Studies Freshman Seminar

Prescribed Electives: 21 semester credit hours

Students interested in pursuing entrance into health professional fields (such as medical, dental, pharmacy, physician assistant, physical therapy, optometry, etc.) should seek advising on additional courses required for entrance into the particular professional school of their interest. A subset of the following courses should be considered essential and should be taken as part of their elective credits.

BIOL 2281 Introductory Biology Laboratory
BIOL 3301 Classical and Molecular Genetics
BIOL 3101 Classical and Molecular Genetics Workshop
BIOL 3302 Eukaryotic Molecular and Cell Biology
BIOL 3102 Eukaryotic Molecular and Cell Biology Workshop
BIOL 3361 Biochemistry I
BIOL 3161 Biochemistry Workshop I
BIOL 3362 Biochemistry II
BIOL 3162 Biochemistry Workshop II
BIOL 3455 Human Anatomy and Physiology with Lab I
BIOL 3456 Human Anatomy and Physiology with Lab II
BIOL 3370 Exercise Physiology
BIOL 3V20 General Microbiology with Lab
HLTH 4V01 Health Professions Independent Study
ISIS 2308 Bones, Bodies, and Disease
ISIS 3309 Dental Anthropology
NSC 3361 Behavioral Neuroscience
NSC 4366 Neuroanatomy
NSC 4351 Medical Neuroscience

IV. Elective Requirements: 9 semester credit hours

Guided Electives: 9 semester credit hours

Students must complete a total of 51 semester credit hours of upper-division coursework to graduate. A minimum of 45 semester credit hours must be taken at UT Dallas. All the coursework in the final semester must be taken at UT Dallas.

1. Incoming freshmen must complete and pass UNIV 1010 Freshman Seminar and the corresponding school-related freshman seminar course. Students, including transfer students, who complete their core curriculum at UT Dallas must take UNIV 2020.

2. Curriculum Requirements can be fulfilled by other approved courses from institutions of higher education. The courses listed are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at UT Dallas.

3. A required major course that also fulfills a Core Curriculum requirement. Semester credit hours are counted in the Core Curriculum.

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