UT Dallas 2013 Undergraduate Catalog

School of Interdisciplinary Studies

Healthcare Studies (BS)

The BS in Healthcare Studies is designed to give students a multidisciplinary perspective on human health and healthcare. The curriculum consists of existing courses offered by various schools across campus that are repackaged into one multidisciplinary program. In addition to the expected combination of science courses with laboratories (32 semester credit hours), the degree program also requires healthcare foundation courses offered by the School of Interdisciplinary Studies (14 semester credit hours) as well as courses specifically related to the study of healthcare in a philosophical, historical, psychological, sociological and biological context (15 semester credit hours). The program is designed to be a preparatory program for students continuing their education beyond the baccalaureate degree; for distinguished students in healthcare studies, the major provides excellent preparation for entry into professional schools of medicine, optometry or pharmacy. It can also be beneficial for students planning to enter graduate programs in such allied health areas as occupational therapy, physical therapy and physician assistant studies. In addition, students may choose the healthcare studies major as preparation for entry into graduate programs in areas such as healthcare management.

Bachelor of Sciences in Healthcare Studies

Degree Requirements (120 hours)

I. Core Curriculum Requirements: 42 hours

Communication (6 hours)

3 hours Communication (RHET 1302)
3 hours Communication Elective (BIS 3320)

Social and Behavioral Sciences (15 hours)

6 semester credit hours Government (GOVT 2301 and GOVT 2302)
6 hours History (HIST 1301 and HIST 1302)
3 hours Social and Behavioral Sciences Elective (PSY 2301)

Humanities and Fine Arts (6 hours)

3 hours Fine Arts (ARTS 1301)
3 hours Humanities (HUMA 1301)
Mathematics and Quantitative Reasoning (6 hours)

3 hours Calculus (MATH 1325 or MATH 2413 or MATH 2417)
3 hours Statistics (STAT 3332)

Science (9 hours including at least one course with a substantial laboratory component)

BIOL 2111 Modern Biology Workshop I
CHEM 1311 General Chemistry I
CHEM 1111 General Chemistry Laboratory I
PHYS 1301 College Physics I
PHYS 2125 Physics Laboratory I

II. Major Requirements: 52 hours

Foundation I: Healthcare Foundation Studies (14 hours)

HLTH 1100 Career Exploration 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 II: Scientific Foundation Studies (23 hours)

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 1312 General Chemistry II
CHEM 1112 General Chemistry Laboratory II
PHYS 1302 College Physics II
PHYS 2126 Physics 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 III: Multidisciplinary Healthcare Studies (15 hours)

Required (9 hours):

HLTH 3301  Issues in Geriatric Healthcare
HLTH 3315  Issues in Patient Education
PSY 4328  Health Psychology or PSY 4334  Lifespan Development

And choose 6 hours from among the following:

HMGT 4301  Introduction to Healthcare Management
HLTH 3310  Health Care Issues: Global Perspectives
ECON 3330  Economics of Health
GEOG 3357  Spatial Dimensions of Health and Disease
HIST 3328  History and Philosophy of Science and Medicine
HLTH 4380  Special Topics in Healthcare
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. Elective Requirements: 26 hours

Prescribed Electives (1 hour)

UNIV 1010  Freshman Seminar

Free Electives (25 hours)

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

Students interested in pursuing entrance into health professional schools (such as medical, dental, pharmacy or optometry schools) 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 3301** Classical and Molecular Genetics
- **BIOL 3101** Classical and Molecular Genetics Workshop
- **BIOL 3361** Biochemistry I
- **BIOL 3161** Biochemistry Workshop I
- **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 3308** Bones, Bodies, and Disease
- **ISIS 3309** Dental Anthropology
- **NSC 3361** Behavioral Neuroscience
- **NSC 4366** Neuroanatomy
- **NSC 4351** Medical Neuroscience

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

2. A required major course that also fulfills a Core Curriculum requirement.