School of Interdisciplinary Studies

Healthcare Studies (B.S.)

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 or SCH), the proposed degree program also requires healthcare foundation courses offered by the School of Interdisciplinary Studies (14 SCH) as well as courses specifically related to the study of healthcare in a philosophical, historical, psychological, sociological and biological context (15 SCH). 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 \(^1\): 42 hours

**Communication (6 hours)**

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

**Social and Behavioral Sciences (15 hours)**

- 6 hours Government (GOVT 2301 and GOVT 2302)
- 6 hours History (HIST 1301 and HIST 1302)
- 3 hours Social and Behavior 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)
3 hours Statistics (STAT 3332)

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

- **BIOL 2111** Modern Biology I Workshop
- **CHEM 1311** General Chemistry I
- **CHEM 1111** General Chemistry I Laboratory
- **PHYS 1301** College Physics I
- **PHYS 1101** College Physics I Laboratory

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 4V04 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** Modern Biology II Workshop
- **CHEM 1312** General Chemistry II
- **CHEM 1112** General Chemistry II Laboratory
- **PHYS 1302** College Physics II
- **PHYS 1102** College Physics II Laboratory
- **CHEM 2323** Introductory Organic Chemistry I
- **CHEM 2123** Introductory Organic Chemistry I Laboratory
- **CHEM 2325** Introductory Organic Chemistry II
- **CHEM 2125** Introductory Organic Chemistry II Laboratory
Foundation III: Multidisciplinary Healthcare Studies (choose 15 hours from among the following)

HGMT 4301 Introduction to Healthcare Management
ECON 3330 Economics of Health
GEOG 3357 Spatial Dimensions of Health & Disease
HIST 3328 History and Philosophy of Science and Medicine
HLTH 4380 Special Topics in Healthcare
ISIS 3308 Bones, Bodies and Disease
PHIL 4320 Medical Ethics
PHIL 4321 Philosophy of Medicine
PSCI 4365 Law and Medicine
PSY 4328 Health Psychology
PSY 4346 Human Sexuality
SOC 4369 Public Health and Society
SOC 4371 Mental Health and Illness
SOC 4372 Health and Illness
SPAN 3341 Medical Spanish

III. Elective Requirements: 26 hours

Prescribed Electives (0 hours)

UNIV 1010 Freshman Seminar

Free Electives (26 hours)

20 credit hours must be upper-level courses. Students must complete a total of 51 hours of upper-level course work to graduate.

Students interested in pursuing entrance into health professions graduate 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 I Workshop
**BIOL 3455** Human Anatomy & Physiology with Lab I

**BIOL 3456** Human Anatomy & Physiology with Lab II

**BIOL 3V20** General Microbiology

**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.

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