

Bachelor of Science in Education - Health Science Studies - Pre-Med/Pre-Dental

A Suggested Sequence of Required Courses (2015-2016 Catalog)

Freshman Year

Fall	Spring
_____ 0 Chapel (CHA 1088/UNV 1000)	_____ 0 Chapel (CHA 1088)
_____ 4 HP 1420 Human Anatomy	_____ 3 REL 1310 <i>The Christian Scriptures</i>
_____ 3 CHE 1301 Basic Prin. Of Modern Chemistry I	_____ 3 CSS 1301 or 1302 Public Communication
_____ 1 CHE 1101 General Chemistry Lab 1	_____ 3 Statistics* (see reverse)
_____ 3 MTH 1321 <i>Calculus I</i>	_____ 3 CHE 1302 Basic Prin. Of Modern Chemistry II
_____ 3 ENG 1302 <i>Thinking and Writing</i>	_____ 1 CHE 1101 <i>General Chemistry Lab 1</i>
_____ 3 HED 1350 <i>Dimensions of Health Science Studies</i>	_____ 3 ENG 1304 <i>Thinking, Writing and Research</i>
Total: 17	Total: 16

Sophomore Year

Fall	Spring
_____ 3 Supporting Area Elective (SOC 1305 recommended)	_____ 3 PSY 1305 <i>Introduction to Psychology</i>
_____ 3 REL 1350 <i>The Chistian Heritage</i>	_____ 3 ENG 2301, 2304 or 2306 Literature
_____ 3 CHE 3331 <i>Organic Chemistry I</i>	_____ 3 CHE 3332 <i>Organic Chemistry II</i>
_____ 2-3 Fine Art	_____ 2 CHE 3238 Organic Chemistry Lab
_____ 3 BIO 1305 <i>Modern Concepts of Bioscience</i>	_____ 1 BIO 1106 <i>Modern Concepts of Bioscience Lab</i>
_____ 1 BIO 1105 <i>Modern Concepts of Bioscience Lab</i>	_____ 3 BIO 1306 Modern Concepts of Bioscience
Total: 15-16	Total: 15

Junior Year

Fall	Spring
_____ 3 BIO 2306 <i>Genetics</i>	_____ 3 PSC 2302 <i>American Constitutional Development</i>
_____ 1 BIO 2106 <i>Genetics Lab</i>	_____ 3 PSY 3321 <i>Abnormal Psychology</i>
_____ 3 HP 2306 <i>Kinesiology**</i>	_____ 3 MGT 3305 <i>Organizational Behavior</i>
_____ 3 HED 3313 <i>Nutrition</i>	_____ 3-4 BIO 3422 <i>Human Physiology</i>
_____ 3 CHE 4341 Biochemistry or BIO 4307 Biochemistry (Professional Development Elective)	_____ 3-4 BIO 3422 Human Physiology OR HED 3350 Human Physiology
_____ 1 LF 11_____	_____ 1 LF 11_____
PREP for EXAM	MCAT or DAT EXAM
Total: 14	Total: 14-15

Summer

_____ 3 HP 4V79 <i>Internship in Human Performance*</i>
Total: 3

Senior Year

Fall	Spring
_____ 4 PHY 1408 Physics for Nat & Beh Science I (pref) or PHY 1420 General Physics I	_____ 4 PHY 1409 <i>Physics for Nat & Beh Science II (pref)</i> or PHY 1430 <i>General Physics II</i>
_____ 3-4 HHPR Restrictive Elective (see reverse)	_____ 3 HHPR Restrictive Elective* (see reverse)
_____ 4 HP 2420 <i>Exercise Physiology</i>	_____ 3-4 Supportive Area Elective* (see reverse)
_____ 3 HED 4355 <i>Human Diseases</i>	_____ 3 HED 4327 Dying and Death Education
	_____ 3 History* (see reverse)
Total: 14-15	Total: 16-17

*All students must graduate with a minimum of 124 hours,
36 of which must be at the 3000/4000 level.*

TOTAL: 124 - 131

Boldface indicates preferred option

Please see reverse side for important information on general requirements.

Updated 01/06/2016

Health Science Studies - Pre-Med/Pre-Dental

Please check Undergraduate Catalog for pre-requisite information (BIO, CHE, ENG, HP)

* Basic Notes:

English - ENG 3300 *Technical and Professional Writing* may apply here. Junior standing is required. Discuss this option with your advisor.

History - Choose one 3-hour history courses with an HIS prefix.

Statistics - Choose from the following courses

- STA 1380 *Elementary Statistics*
- STA 2381 *Statistics for Biomedical Science*
- STA 3381 *Statistical Methods*
- PSY 2402 *Statistics*
- SOC 3402 *Social Statistics*

Supporting Area Electives - Students may choose 6-7 hours of 3000/4000 level elective courses; however, selections from the courses listed in "Professional Development Electives" below are strongly recommended (SOC 1305 recommended).

HHPR Restricted Electives - Choose 6-7 hours from the following courses (*Highly Recommended):

- HED 3320 *Stress Management*
- HED 3351 *Epidemiology/Vital Statistics* (Pre-requisite HED 2330)
- * HED 4321 **Human Sexuality**
- * HED 4327 **Dying and Death Education**
- HP 2102 *Fitness Concepts & Testing* OR LF 1134 *Fitness Theory and Practice* (may not receive credit for both)
- HP 2341 *Prevention and Care of Athletic Injuries*
- HP 3311 *Essentials of Healthcare Ethics* (cross-listed as HED 3311)
- HP 3330 *Research Methods and Design in Exercise Science*
- HP 4368 *Motor Learning and Development*
- BIO 4301 *Immunology*
- SOC 3305 *Introduction to Gerontology*
- SOC 4353 *Sociology of Medicine*
- MKT 3305 *Principles of Marketing*
- ECO 4350 *Economics of Health and Med Care*

Professional Development Electives - Choose one from the following courses (*Highly Recommended):

- | | |
|---|---|
| BIO 4401 <i>General Microbiology</i> | * CHE 4341 Biochemistry - STRONGLY RECOMMENDED |
| BIO 3425 <i>General Human Anatomy</i> | BIO 3429 <i>Comparative Chordate Anatomy</i> |
| BIO 4301 <i>Immunology</i> | BIO 4320 <i>Pathophysiology</i> (Pre-requisite: grade of C in BIO 3422) |
| CLA 3381 <i>Medical Terminology</i> | PSY 3341 <i>Survey of Human Development</i> |
| HED 3351 <i>Epidemiology/Vital Statistics</i> | HP 3330 <i>Research Methods and Design in Exercise Science</i> |
| HP 3368 <i>Adapted Human Performance</i> | RLS 4396 <i>Leisure Services for Persons with Disabilities</i> |
| SOC 3305 <i>Introduction to Gerontology</i> | SOC 4353 <i>Sociology of Medicine</i> |
| MH 4395 <i>Bioethics</i> | MH 4350 <i>Economics of Health and Medical Care</i> |
| MH 4325 <i>Literary & Philosophical Perspect. on Med.</i> | * BIO 4307 Biochemistry |

Professional Field Experience: HP 4V79 *Internship in Human Performance*

Must have 60 hours earned and attend mandatory Internship meeting one year prior to field experience. Internships for academic credit must be approved by program director and comply with University policy. First Aid and CPR certifications are strongly recommended for field experience. The internship may be 3-6 credit hours.

Requirements to Declare and Continue in the HSS major:

To declare the Health Science Studies (HSS) major, students must meet the following requirements. Regardless of hours, students must be eligible to register for both BIO 1305 - 1105 and CHE 1301-1101 or have completed these courses. In addition, students must meet the following GPA requirements to enter the program based on the number of hours completed at Baylor:

Hours completed at Baylor:

- 0-12 Must be eligible to register for BIO 1305-1105 and CHE 1301-1101 or have completed these courses.
- 12-45 Must have a cumulative GPA of 3.3 in all Baylor classes and be eligible to register for, or have completed BIO 1305-1105 and CHE 1301-1101
- 46-finish Must have a cumulative GPA of 3.2 in all Baylor classes and be eligible to register for, or have completed BIO 1305-1105 and CHE 1301-1101

Students not meeting criteria for admission to the major or encouraged to enroll in the Pre-Education program which will allow them to be advised, counseled and tracked by the RCHHS Advising Office. From within this program, students who demonstrate ability to meet GPA and course readiness requirements may transition into the Health Science Studies major. Students may not stay in the Pre-HSS program once they have thirty hours at Baylor. If a student has completed 30 hours at Baylor and still does not meet the criteria for admission to the HSS major, they will have to choose another major.

To remain either HSS Pre-medical/Pre-dental or Pre-Physical Therapy emphasis areas, students must maintain a 3.2 or better cumulative GPA. Students pursuing the HSS major with a Science Education focus must maintain a 2.75 or better GPA. Students pursuing the HSS Health Professions focus must maintain a 2.6 or better cumulative GPA.

Students in the HSS Pre-medical/Pre-dental or Pre-Physical Therapy option whose GPA falls below 3.2 in any semester will be placed on probation for one semester if the GPA is 3.0 or better. After one semester on probation, or if the GPA is 2.6-2.9 during any semester, the student may select the General Science Education (minimum GPA 2.75) or Health Professions (minimum GPA 2.6) track, or select a different major. Students whose GPA falls below a 2.6 must select another major.