

Name: _____ Date: _____

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

A Suggested Sequence of Required Courses (2016-2017 Catalog)

Freshman Year

Fall	Spring
_____ 0 CHA 1088 <i>Chapel</i> (And UNV 1000)	_____ 0 CHA 1088 <i>Chapel</i>
_____ 3 CHE 1301 <i>Basic Prin. Of Modern Chemistry I</i>	_____ 3 CHE 1302 <i>Basic Prin. Of Modern Chemistry II</i>
_____ 1 CHE 1101 <i>General Chemistry Lab 1</i>	_____ 1 CHE 1102 <i>General Chemistry Lab 1</i>
_____ 3 ENG 1302 <i>Thinking and Writing</i>	_____ 3 CSS 1301 or 1302 <i>Public Communication</i>
_____ 3 HED 1350 <i>Dimensions of Health Science Studies</i>	_____ 3 ENG 1304 <i>Thinking, Writing and Research</i>
_____ 4 HP 1420 <i>Human Anatomy</i> (pre-req for HP 2306 & HP 2420)	_____ 3 REL 1310 <i>The Christian Scriptures</i>
_____ 3 MTH 1321 <i>Calculus I</i>	_____ 3 Statistics (see reverse for options)
Total: 17	Total: 16

Sophomore Year

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

Junior Year

Fall	Spring
_____ 3 BIO 2306 <i>Genetics</i>	_____ 3-4 BIO 3422 <i>Human Physiology</i>
_____ 1 BIO 2106 <i>Genetics Lab</i>	_____ or HED 3350 <i>Human Physiology</i> (pre-req for HED 4355)
_____ 3 CHE 4341 <i>Biochemistry</i> OR BIO 4307 <i>Biochemistry</i>	_____ 1 HED 1145 <i>Health and Human Behavior</i>
_____ 3 HED 3313 <i>Nutrition</i> OR NUTR 3314	_____ 1 LF 11_____
_____ 3 HP 2306 <i>Kinesiology</i> ("C" in HP 1420 required)	_____ 3 MGT 3305 <i>Organizational Behavior</i>
_____ 1 LF 11_____	_____ 3 PSC 2302 <i>American Constitutional Development</i>
	_____ 3 PSY 3321 <i>Abnormal Psychology</i>
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
_____ 3 Elective (see reverse)	_____ 3 Elective (see reverse)
_____ 3 HED 4355 <i>Human Diseases</i> ("C" in HED 3350 required)	_____ 3-4 Elective (see reverse)
_____ 4 HP 2420 <i>Exercise Physiology</i> ("C" in HP 1420 required)	_____ 3 HED 4327 <i>Dying and Death Education</i>
_____ 4 PHY 1408 <i>Physics for Nat & Beh Science I</i> (pref) or PHY 1420 <i>General Physics I</i>	_____ 3 History (see reverse)
	_____ 4 PHY 1409 <i>Physics for Nat & Beh Science II</i> (pref) or PHY 1430 <i>General Physics II</i>
Total: 14	Total: 16-17

Total Credit Hours = 124 - 127

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

Boldface indicates preferred option

Please see reverse side for important information on general requirements.

Health Science Studies - Pre-Med/Pre-Dental

Please check Undergraduate Catalog for more detailed 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

- MTH 1322 *Calculus II*
- STA 1380 *Elementary Statistics*
- STA 2381 *Statistics for Biomedical Science*
- STA 3381 *Statistical Methods*
- PSY 2402 *Statistics*
- SOC 3402 *Social Statistics*

Electives - Choose 3 hours from the following courses:

- BIO 4301 *Immunology*
- ECO 4350 *Economics of Health and Med Care*
- HED 3351 *Epidemiology/Vital Statistics* (Pre-requisite HED 2330)
- HED 4321 *Human Sexuality***
- HP 2341 *Prevention and Care of Athletic Injuries*
- HP 3311 *Essentials of Healthcare Ethics* (cross-listed as HED 3311)
- HP 4368 *Motor Learning and Development*
- MGT 4310 *Team Development and Management* (Pre-requisite: MGT 3305)
- MKT 3305 *Principles of Marketing*
- SOC 3305 *Introduction to Gerontology*
- SOC 4353 *Sociology of Medicine*

Electives - 6-7 hours of any 3000-4000 level course; recommendations:

- BIO 3425 *General Human Anatomy*
- BIO 3429 *Comparative Chordate Anatomy*
- BIO 4320 *Pathophysiology* (Pre-requisite: grade of C in BIO)
- BIO 4401 *General Microbiology*
- CLA 3381 *Medical Terminology*
- HED 3320 *Stress Management*
- HP 2102 *Fitness Concepts & Testing* **OR** LF 1134 *Fitness Theory and Practice* (may not receive credit for both)
- HP 3330 *Research Methods and Design in Exercise Science*
- HP 3368 *Adapted Human Performance*
- MH 4325 *Literary & Philosophical Perspect. on Med.*
- MH 4350 *Economics of Health and Medical Care*
- MH 4395 *Bioethics*
- PSY 3341 *Survey of Human Development*
- RLS 4396 *Leisure Services for Persons with Disabilities*

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 already 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-HSS 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 2.75 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.