

Name: _____

Date: _____

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

A Suggested Sequence of Required Courses (2018-2019 Catalog)

Freshman Year

Fall	Spring
____ 3 BIO 1305 <i>Modern Concepts of Bioscience</i>	____ 3 BIO 1306 <i>Modern Concepts of Bioscience, continued</i>
____ 1 BIO 1105 <i>Modern Concepts of Bioscience Lab</i>	____ 1 BIO 1106 <i>Modern Concepts of Bioscience Lab</i>
____ 0 CHA 1088 <i>Chapel</i> (And credit-bearing NSE or BU-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 I</i>	____ 1 CHE 1102 <i>General Chemistry Lab II</i>
____ 3 ENG 1302 <i>Thinking and Writing</i>	____ 3 CSS 1302 <i>Speech for Bus & Professional Students</i> (or CSS 1301)
____ 3 HED 1350 <i>Dimensions of Health Science Studies</i>	____ 3 ENG 1304 <i>Thinking, Writing and Research</i>
____ 3 MTH 1321 <i>Calculus I</i> (MTH ALEKS score of 80 or better req'd)	____ 3 STA 2381 <i>Introductory Statistical Methods</i> (see reverse for options)
Total: 17	Total: 17

Sophomore Year

Fall	Spring
____ 3 BIO 2306 <i>Genetics</i>	____ 3-4 BIO 3422 <i>Human Physiology</i> or PUBH 3350 <i>Human Physiology</i> (pre-req for PUBH 4355)
____ 1 BIO 2106 <i>Genetics Lab</i>	____ 2 CHE 3238 <i>Organic Chemistry Lab</i>
____ 3 CHE 3331 <i>Organic Chemistry I</i>	____ 3 CHE 3332 <i>Organic Chemistry II</i>
____ 4 HP 1420 <i>Human Anatomy</i> (pre-req for HP 2306 & HP 2420)	____ 3 ENG 2301, 2304 or 2306 <i>British, American or World Literature</i>
____ 3 PSY 1305 <i>Introductory Psychology</i>	____ 3 REL 1350 <i>The Christian Heritage</i>
____ 3 REL 1310 <i>The Christian Scriptures</i>	____ 3 SOC 1305 <i>Introduction to Sociology</i>
Total: 17	Total: 17-18

Junior Year

Fall	Spring
____ 3 CHE 4341 <i>General Biochemistry</i>	____ 2-3 Fine Art (<i>ART, MUS, MUEN or THEA</i>)
____ 1 LF 11_____	____ 3 HP 2306 <i>Anatomical Kinesiology</i> ("C" in HP 1420 required)
____ 3 MGT 3305 <i>Leadership and Organizational Behavior</i>	____ 1 LF 11_____
____ 4 PHY 1408 <i>General Physics for Nat & Beh Sciences I (pref)</i>	____ 4 PHY 1409 <i>General Physics for Nat & Beh Sciences II (pref)</i>
____ 3 PSY 3321 <i>Abnormal Psychology</i>	____ 1 PUBH 1145 <i>Health and Human Behavior</i>
PREP for EXAM	____ 3 NUTR 2351 <i>Nutrition</i> or NUTR 3314 <i>Consumer Nutrition</i> 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 HHPR Restricted Elective (see reverse)	____ 3 History (see reverse)
____ 4 HP 2420 <i>Exercise Physiology</i> ("C" in HP 1420 required)	____ 3 PUBH 4327 <i>Dying and Death Education</i>
____ 3 PSC 2302 <i>American Constitutional Development</i>	____ 3 Supporting Area Elective (see reverse)
____ 3 PUBH 4355 <i>Human Diseases</i> ("C" in PUBH 3350 required)	____ 3-4 Supporting Area Elective (see reverse)
Total: 13	Total: 12-13

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.

Updated: DJL 05/18/2018

Health Science Studies - Pre-Med/Pre-Dental

Students who plan to apply to Medical School bear ultimate responsibility for determining specific coursework required of the school

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

Basic Notes:

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

History - Choose one 3-hour history course with an HIS prefix

Statistics - Choose from the following courses

MTH	1322	<i>Calculus II</i>
PSY	2402	<i>Statistics</i>
SOC	3402	<i>Social Statistics</i> (cross-listed as ANT 3402)
STA	1380	<i>Elementary Statistics</i>
STA	2381	<i>Introductory Statistical Methods</i>
STA	3381	<i>Probability and Statistics</i>

HHPR Restricted Electives - Choose 3 hours from the following courses:

BIO	4301	<i>Immunology</i>
ECO	4350	<i>Economics of Health and Medical Care</i>
HP	2341	<i>Prevention and Care of Athletic Injuries</i>
HP	3311	<i>Essentials of Ethics in Healthcare</i> (pre-requisite: REL 1310 & REL 1350) (cross-listed as HED 3311)
HP	4368	<i>Motor Learning and Development</i>
MKT	3305	<i>Principles of Marketing</i>
PUBH	3351	<i>Epidemiology/Vital Statistics</i>
PUBH	4321	<i>Human Sexuality</i>
SOC	3305	<i>Introduction to Gerontology</i> (cross-listed as GRT 3305 and SWO 3305)
SOC	4353	<i>Sociology of Medicine</i>

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

BIO	3425	<i>General Human Anatomy</i>
BIO	3429	<i>Comparative Chordate Anatomy</i>
BIO	4320	<i>Pathophysiology</i> (Pre-requisite: grade of C in BIO 3422)
BIO	4401	<i>General Microbiology</i>
CLA	3381	<i>Medical Terminology</i>
HP	2102	<i>Fitness Concepts & Testing Procedures</i>
HP	3330	<i>Research Methods and Design in Exercise Science</i>
HP	3368	<i>Adapted Physical Education</i>
PSY	3341	<i>A Survey of Human Development</i>
PUBH	3320	<i>Stress Management / Mental-Emotional Health</i>
RLS	4396	<i>Considerations for Diverse Populations in Leisure Programming</i>

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 required to enroll in this course. The internship may be 3-6 credit hours.

GPA Requirement

To declare the Health Science Studies (HSS) major as an entering first-year student or transfer, students must be eligible to register for both BIO 1305 and 1105 and CHE 1301 and 1101 or have completed these courses. Students who wish to change their major to Health Science Studies after completing course work at Baylor must be eligible to register for the courses above as well as have a cumulative GPA corresponding to the minimum requirements for each track.

Students transferring from other Baylor majors with 60 or more hours completed must have a 3.2 cumulative GPA to enter the program.

Students whose cumulative GPA falls below the minimum requirement in any semester will be placed on probation for one semester. Students whose cumulative GPA falls below the required minimum for their track for a second consecutive semester must select another major or alternative track for which they do have the minimum cumulative GPA.

Students not meeting criteria for admission to the major may enroll in the Pre-Health Science Studies program, which will allow them to be advised by the Robbins College of Health and Human Sciences. Students who demonstrate ability to meet GPA and course readiness requirements may transition into the Health Science Studies major. Students are expected to matriculate into the Health Science Studies major within completion of 30 hours at Baylor. Students not meeting the criteria for admission to the Health Science Studies major within that time frame must select another major.