

Name: _____

Date: _____

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

A Suggested Sequence of Required Courses (2020-2021 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 Laboratory</i>	____ 1 BIO 1106 <i>Modern Concepts of Bioscience Laboratory</i>
____ 0 CHA 1088 <i>University Chapel</i> (And credit-bearing NSE)	____ 0 CHA 1088 <i>University Chapel</i>
____ 3 CHE 1301 <i>Basic Principles Of Modern Chemistry I</i>	____ 3 CHE 1302 <i>Basic Principles Of Modern Chemistry II</i>
____ 1 CHE 1101 <i>General Chemistry Laboratory I</i>	____ 1 CHE 1102 <i>General Chemistry Laboratory II</i>
____ 3 Choose 3 hours from the <i>Research, Writing & Literature Dist. List</i>	____ 3 CSS 1301 <i>Fundamentals of Public Communication</i>
____ 3 HED 1350 <i>Dimensions of Health Science Studies</i>	____ 3 OR: CSS 1302 <i>Speech for Business & Professional Students</i>
____ 3 MTH 1321 <i>Calculus I (Pre-req for PHY)</i>	____ 3 Choose 3 hours from the <i>Research, Writing & Literature Dist. List</i>
	____ 3 Statistics (<i>see reverse for options</i>)
Total: 17	Total: 17

Sophomore Year

Fall	Spring
____ 3 BIO 2306 <i>Genetics</i>	____ 3-4 BIO 3322/3122 <i>Human Physiology & Human Physiology Laboratory</i>
____ 3 CHE 3331 <i>Organic Chemistry I</i>	____ 3 OR: PUBH 3350 <i>Human Physiology for Allied Health Professionals</i>
____ 3 ENG 2310 <i>American Literary Cultures</i>	____ 3 CHE 3332 <i>Organic Chemistry II</i>
____ 4 HP 1420 <i>Human Anatomy (pre-req for HP 2306 & HP 2420)</i>	____ 2 CHE 3238 <i>Organic Chemistry Lab</i>
____ 1 LF 11____, <i>Lifetime Fitness</i>	____ 3 REL 1310 <i>The Christian Scriptures (Pre-req for REL 1350)</i>
____ 3 PSY 1305 <i>Psych Science: Understanding Human Behavior</i>	____ 3 SOC 1305 <i>Introduction to Sociology</i>
Total: 17	Total: 14-15

Junior Year

Fall	Spring
____ 3 CHE 4341 <i>General Biochemistry</i>	____ 2-3 Fine & Performing Arts (<i>see options below</i>)
____ 3-4 Foreign Languages & Cultures	____ 3-4 Foreign Languages & Cultures
____ 4 PHY 1408 <i>General Physics for Natural & Behavioral Sciences I</i>	____ 3 HP 2306 <i>Anatomical Kinesiology ("C" in HP 1420 required)</i>
____ 3 PSY 3321 <i>Abnormal Psychology</i>	____ 1 LF 11____, <i>Lifetime Fitness</i>
____ 3 OR: PSY 3341 <i>A Survey of Human Development</i>	____ 4 PHY 1409 <i>General Physics for Natural & Behavioral Sciences II</i>
____ 3 REL 1350 <i>The Christian Heritage</i>	____ 1 PUBH 1145 <i>Health and Human Behavior</i>
BEGIN PREP for MCAT or DAT EXAM	MCAT or DAT EXAM
Total: 16-17	Total: 14-16

Summer

____ 3 HP 4V79 <i>Internship in Human Performance</i>
Total: 3 (Departmental Approval AND CPR & First Aid Required)

Senior Year

Fall	Spring
____ 4 HP 2420 <i>Exercise Physiology ("C" in HP 1420 required)</i>	____ 3 HIS 1300 <i>The United States in Global Perspective</i>
____ 3 NUTR 3314 <i>Consumer Nutrition</i>	____ 3 PUBH 4327 <i>Dying and Death Education</i>
____ 3 PSC 1387 <i>The U.S. Constitution, Interp. & the Amer. Pol Exp.</i>	____ 3 Restricted Upper Level Elective (<i>see reverse</i>)
____ 3 Restricted Upper Level Elective (<i>see reverse</i>)	____ 3-4 Restricted Upper Level Elective (<i>see reverse</i>)
____ 1 LF 11____, <i>Lifetime Fitness</i>	
Total: 14	Total: 12-13

Total Credit Hours = 124 - 129

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

Fine Arts and Performing Arts: Select one from ADM 1241, ARTH 1300, 1310, 1314, 2302, 2303, CLA 3315, ENG 3304, 3306, FCS 1231, FDM 1309, ID 3313, 4313, MUS 1321, 3321, 3322, 3323, 4364/LAS 4364, THEA 1301, 1306

Please see reverse side for important information on general requirements.

Updated May 2020

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:

Statistics - Choose from the following courses

- PSY 2402 *Statistics*
- SOC 3402 *Social Statistics* (Cross-listed as ANT 3402)
- STA 1380 *Elementary Statistics*
- STA 2381 *Introductory Statistical Methods*
- STA 3381 *Probability and Statistics*

Restricted Upper Level Electives - Choose a minimum of 9 hours from the below list:

- BIO 3429 *Comparative Chordate Anatomy*
- BIO 4301 *Immunology*
- BIO 4302 *General Microbiology* (and BIO 4102, Microbiology Lab)
- BIO 4320 *Pathophysiology*
- BIO 4432 *General Human Anatomy*
- BUS 3302 *Personal Financial Decisions*
- CLA 3381 *Medical Terminology*
- ECO 4350 *Economics of Health and Medical Care*
- ENT 3315 *Starting & Managing a Business*
- HP 3311 *Essentials of Ethics in Healthcare* (pre-req: REL 1310 & REL 1350) (cross-listed as HED 3311)
- HP 3330 *Research Methods and Design in Exercise Science*
- MGT 3301 *Managing People in Organizations*
- MKT 3301 *Marketing Concepts*
- PUBH 3320 *Stress Management / Mental-Emotional Health*
- PUBH 3325 *Maternal and Infant Health*
- PUBH 3351 *Epidemiology/Vital Statistics*
- PUBH 4321 *Human Sexuality*
- PUBH 4340 *Global Health*

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, students must be eligible to register for both BIO 1305 and 1105, and CHE 1301 and 1101.

Transfer students must be eligible for both BIO 1305 and 1105, and CHE 1301 and 1101 or have completed these courses as well as have a cumulative GPA corresponding to the minimum requirements for each track.

Students who wish to change their major to Health Science Studies after completing course work at Baylor may do so only at the end of a full semester. Students must be eligible to register for BIO 1305 and 1105, and CHE 1301 and 1101, and have a cumulative GPA corresponding to the minimum requirements for each track:

Pre Medical/Dental	3.2 cumulative GPA
Pre Physician Assistant	3.2 cumulative GPA
Pre Physical Therapy	3.2 cumulative GPA
Pre Athletic Training	2.75 cumulative GPA
Health Professions	2.75 cumulative GPA
Science Education	2.75 cumulative GPA

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 will be dismissed from the track and must select another major or alternative track for which they do have the minimum cumulative GPA. Students will not be permitted to re-enter a track once dismissed.

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 the 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.