

Name: _____

Date: _____

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

A Suggested Sequence of Required Courses (2019-2020 Catalog)

Freshman Year

Fall	Spring
_____ 3 BIO 1305 <i>Mod Concepts of Bioscience (SM 1)</i>	_____ 3 BIO 1306 <i>Modern Concepts of Bioscience, continued</i>
_____ 1 BIO 1105 <i>Mod Concepts of Bioscience Lab (SM 1)</i>	_____ 1 BIO 1106 <i>Modern Concepts of Bioscience Lab</i>
_____ 0 CHA 1088 <i>Chapel (And credit-bearing NSE or BU-1000)</i>	_____ 0 CHA 1088 <i>Chapel</i>
_____ 3 CHE 1301 <i>Basic Prin. Of Modern Chem I (SM 2)</i>	_____ 3 CHE 1302 <i>Basic Prin. Of Modern Chemistry II</i>
_____ 1 CHE 1101 <i>General Chem Lab I (SM 2)</i>	_____ 1 CHE 1102 <i>General Chemistry Lab II</i>
_____ 3 ENG 1302,1304 or 3300, 3310,3318, CLA 1304 <i>(Res. Writ & Lit 1)</i>	_____ 3 CSS 1302 or 1301 <i>(Comm. & Media Literacy Requirement)</i>
_____ 3 HED 1350 <i>Dimensions of Health Science Studies</i>	_____ 3 ENG 1302,1304 or 3300, 3310,3318, CLA 1304 <i>(Res. Writ & Lit 2)</i>
_____ 3 MTH 1321 <i>Calculus I (Formal Reasoning Req) (Pre-req for PHY)</i>	_____ 3 STA 2381 <i>Statistics Methods (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</i>
_____ 3 CHE 3331 <i>Organic Chemistry I</i>	_____ 3 CHE 3332 <i>Organic Chemistry II</i>
_____ 3 ENG 2310 <i>American Literary Cultures</i>	_____ 2 CHE 3238 <i>Organic Chemistry Lab</i>
_____ 4 HP 1420 <i>Human Anatomy (pre-req for HP 2306 & HP 2420)</i>	_____ 3 REL 1310 <i>The Christian Scriptures (Pre-req for REL 1350)</i>
_____ 1 LF 11_____	_____ 3 SOC 1305 <i>Introduction to Sociology</i>
_____ 3 PSY 1305 <i>Psych Science (Cont. Social Issues Requirement)</i>	
Total: 17	Total: 14-15

Junior Year

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

Summer

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

Senior Year

Fall	Spring
_____ 4 HP 2420 <i>Exercise Physiology ("C" in HP 1420 required)</i>	_____ 3 HIS 1300 <i>US in Global Perspective</i>
_____ 3 NUTR 3314 <i>Consumer Nutrition</i>	_____ 3 PUBH 4327 <i>Dying and Death Education</i>
_____ 3 PSC 2302 <i>US Constitution</i>	_____ 3 Upper Level Restricted Elective <i>(see reverse)</i>
_____ 3 Upper Level Restricted Elective <i>(see reverse)</i>	_____ 3-4 Upper Level Restricted Elective <i>(see reverse)</i>
Total: 13	Total: 12-13

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

Total Credit Hours = 124 - 127

Fine Arts and Performing Arts: Select one from ADM 1241, ART 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.

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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 with your advisor

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 Electives - Choose 9-10 hours from the following courses: **Boldfaced type -- strongly recommended**

BIO	4432	General Human Anatomy
BIO	3429	Comparative Chordate Anatomy
BIO	4320	Pathophysiology (Pre-requisite: grade of C in BIO 3322/3122)
BIO	4301	Immunology
BIO	4302	General Microbiology (and BIO 4102, Microbiology Lab)
CLA	3381	Medical Terminology
ECO	4350	Economics of Health and Medical Care
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
MKT	3305	Principles of Marketing
PUBH	3320	Stress Management / Mental-Emotional Health
PUBH	3325	Maternal and Infant Health
PUBH	3351	Epidemiology/Vital Statistics
PUBH	4320	Men's Health and Wellness
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 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.