

Name: _____ Date: _____

Bachelor of Science - Health Science Studies - Science Education

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 Choose 3 hours from the <i>Research, Writing & Literature Dist. List</i>	_____ 3 HIS 1300 <i>The United States in Global Perspective</i>
_____ 3 HED 1350 <i>Dimensions of Health Science Studies</i>	_____ 3 MTH 1322 <i>Calculus II</i>
_____ 1 HP 2102 <i>Fitness Concepts and Testing Procedures</i>	_____ OR: Statistics (see reverse for options)
_____ 3 MTH 1320 <i>Pre-Calculus Mathematics</i>	_____ 3 REL 1350 <i>The Christian Heritage</i>
_____ OR: MTH 1321 <i>Calculus I</i> (Pre-req for PHY)	_____ 3 Choose 3 hours from the <i>Research, Writing & Literature Dist. List</i>
_____ 3 REL 1310 <i>The Christian Scriptures</i> (Pre-req for REL 1350)	
Total: 17	Total: 16

Sophomore Year

Fall	Spring
_____ 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 CSS 1301 <i>Fundamentals of Public Communication</i>	_____ 3 Fine Arts & Performing Arts (<i>see options below</i>)
_____ OR: CSS 1302 <i>Speech for Business & Professional Students</i>	_____ 3-4 Foreign Languages & Cultures
_____ 3 ENG 2310 <i>American Literary Cultures</i>	_____ 1 LF 11____, <i>Lifetime Fitness</i>
_____ 3-4 Foreign Languages & Cultures	_____ 3 TED 3380 <i>Social Issues in Education</i> (co-req w/TED 3180)
_____ 1 LF 11____, <i>Lifetime Fitness</i>	_____ 1 TED 3180 <i>Social Issues in Education Laboratory</i> (co-req w/TED 3380)
_____ 3 SOC 1305 <i>Introduction to Sociology</i>	
Total: 17-18	Total: 15-16

Junior Year

Fall	Spring
_____ 4 PHY 1408 <i>Physics for Natural & Behavioral Sciences I</i>	_____ 1 LF 11____, <i>Lifetime Fitness</i>
_____ 3 PSY 1305 <i>Psychological Science: Understanding Human Behavior</i>	_____ 3 PSC 1387 <i>The U.S. Constitution, Interp. & the Amer. Pol Exp.</i>
_____ 3 TED 3342 <i>School and Classroom Environment</i> (co-req w/TED 3387)	_____ 4 PHY 1409 <i>Physics for Natural & Behavioral Sciences II</i>
_____ 3 TED 3387 <i>Secondary Science Practicum</i> (co-req w/TED 3342)	_____ 3 PUBH Elective (<i>see reverse for options</i>)
_____ 3-4 Upper Level Science Elective (<i>Upper-Level CHE, BIO or PHY</i>)	_____ 6 TED 3641 <i>Teaching Associate Secondary</i>
Total: 16-17	Total: 17

Senior Year

Fall	Spring
_____ 3 TED 4325 <i>Science Curriculum</i> (Fall Only)	_____ 3 BIO 2306 <i>Genetics</i>
_____ 6 TED 4640 <i>Internship Secondary, Part I</i> (co-req w/TED 4641) (Fall Only)	_____ 3 BIO 4333 <i>Science Leadership: Improvement of Science Education</i>
_____ 6 TED 4641 <i>Internship Secondary, Part II</i> (co-req w/TED 4640) (Fall Only)	_____ OR: LDS 3301 <i>Organizational Leadership</i>
_____ OR: TED 4642 <i>Internship Secondary, Part III</i> (co-req w/TED 4643)(Spring Only)	_____ OR: LDS 3304 <i>Peer Leadership for Health & Wellness</i>
_____ TED 4643 <i>Internship Secondary, Part IV</i> (co-req w/TED 4642)(Spring Only)	_____ 3-4 CHE Upper Level
	_____ 3-4 Upper Level Science Elective (<i>Upper-Level CHE, BIO or PHY</i>)
Total: 15	Total: 12-14

Total Credit Hours = 125-130

** 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

Before beginning Teaching Associate courses, students must have 15 hours of science courses complete.

Please see reverse side for important information on general requirements.

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Health Science Studies - Science Education

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

Basic Notes:

Statistics - Choose from the following courses:

- STA 1380 *Elementary Statistics*
- STA 2381 *Introductory Statistical Methods*
- STA 3381 *Probability and Statistics*

PUBH Electives - Choose 6 hours from the following courses:

- PUBH 2330 *Introduction to Public and Population Health*
- PUBH 2331 *Health Concepts and Competencies* (pre-requisite: PUBH 2330 or concurrent enrollment)
- PUBH 3320 *Stress Management/Mental-Emotional Health*
- PUBH 3351 *Epidemiology/Vital Statistics*
- PUBH 4321 *Human Sexuality*
- PUBH 4327 *Dying and Death Education*
- PUBH 4331 *Intervention Design in Public & Community Health*

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.