## Baylor Bound Major Academic Planner

### Bachelor of Arts in Science Education Concentration

A Suggested Sequence of Required Courses for a South Texas transfer student (2017-2018 Catalog)

#### Freshman Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>SOUTH TEXAS</td>
<td>BU</td>
</tr>
<tr>
<td>ENGL 1301</td>
<td>ENG 1302</td>
</tr>
<tr>
<td>CHEM 1411</td>
<td>CHE 1301-1101</td>
</tr>
</tbody>
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#### Sophomore Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>SOUTH TEXAS</td>
<td>BU</td>
</tr>
<tr>
<td>ENGL 2321</td>
<td>ENG 2301</td>
</tr>
<tr>
<td>BIO 1407</td>
<td>BIO 1306-1106</td>
</tr>
</tbody>
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#### Junior Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>SOUTH TEXAS</td>
<td>BU</td>
</tr>
<tr>
<td>CHEM 2423</td>
<td>CHEM 3331**</td>
</tr>
<tr>
<td>TESD 3340</td>
<td>TESD 3341</td>
</tr>
</tbody>
</table>

#### Senior Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUTH TEXAS</td>
<td>BU</td>
</tr>
<tr>
<td>BIO 4333</td>
<td>Science Leadership (only taught in odd year fall semester)</td>
</tr>
<tr>
<td>GEO 1408</td>
<td>Earth Through Time</td>
</tr>
</tbody>
</table>

### Notes about major requirements:

- This program is designed for students with an interest in medicine, dentistry, podiatry, or other health related professions, as well as those anticipating graduate studies in these disciplines.

- Pre-Biology: Students interested in biology as a major will choose the pre-biology designation upon enrollment at Baylor. To declare a major in Biology (BA or BS, all concentrations), a student must complete, with grades of “C” or better, either BIO 1305-1105 or 1405 and either BIO 1306-1106 or 1406 or their equivalents. Students may transfer credit for these courses (assuming grades of “C” or better) as long as the courses were taken prior to initial matriculation to Baylor. Students may repeat each of these introductory courses only once if they fail to make a “C” or better the first time they take the course. Students may only remain in the pre-biology designation until completion of 60 hours. Students who have not met the admission requirement at 60 hours will not advance to the biology major and must change degree programs. Students who transfer credit to Baylor for BIO 1305-1105 or 1405 and BIO 1306-1106 or 1406, all with grades of “C” or better, on their record will be eligible to declare biology as a major upon initial enrollment at Baylor. Students who receive 5 on the AP examination will be eligible to declare biology as a major upon initial enrollment at Baylor even if they elect to take the introductory course sequence.

- A grade of “C” or better in 31 hours of biology courses used for the major AND in all courses required in non-Biology area of your audit.

- BIO 1305-1105 and 1306-1106 are prerequisite to all “2000” and above level courses in biology. Non-biology majors may be admitted to upper-level courses without these prerequisites with consent of instructor and department chair.

- BIO 1401, 1402, 1403, 2401, and 2402 cannot be used to satisfy the minimum number of semester hours required for a major in biology.

- BIO Electives: Choose 8 hours of electives. A maximum of 3 hours of Individual Topics may be used for elective credit.

- English requirement: Students are allowed to take either ENGL 1304 or FAS 1118, 1128, and 1138. Students majoring in the sciences may take ENG 3300 instead of ENG 1304.

- For more information, see the Baylor Undergraduate Catalog.

*Students interested in teaching should contact the School of Education for more information about the Science Education minor.

**CHEM 2423 and 2425 will count as CHE 2T01 and 2T02 organic chemistry I and II but will not count as advanced course work.

Please see reverse side for important information on general requirements.
**SOUTH TEXAS COURSE** | **BAYLOR COURSE** | **BAYLOR TITLE**
---|---|---
ENGL 1301 | GENG 1302 | Philosophy and Writing
ENGL 1302 | GENG 1304 | Thinking and Writing
ENGL 2321 | ENG 2301 | British Literature
ENGL 2326 | ENG 2304 | American Literature
ENGL 2331 | ENG 2306 | World Literature

**FINE ARTS: Three courses, each from a different areas (i.e. ART, THEA, MUS, etc.):**

**ARTS 1301** | **ART 1300** | **Introduction to Art**
**ARTS 1303** | **ART 2302** | **History of Art I**
**ARTS 1304** | **ART 2303** | **History of Art II**

**COMM 1307** | JOUPJDM 1303 | Introduction to Mass Communication
**MUSI 1306** | **MUS 2200** | **Introduction to Music**
**MUSI 3322** | **MUS 3223** | **American Popular Music**

**SPCH 1311 or 1315** | CSS 1301 | Fundamentals of Public Communications
**SPCH 1321** | CSS 1302 | Speech for Business & professional Students
**SPCH 2335** | CSS 1304 | Argumentation, Discussion, and Debate

**DRAM 1310** | **THIA 1206** | **Theatre Appreciation**
**THIA 2374** | **History of Theatre I**

**HISTORY:**

**HIST 2321** | **HIS 1305** | **World History to 1500**
**HIST 2322** | **HIS 1307** | **World History since 1500**
**HIST 1301** | **HIS 2365** | **History of the U.S. to 1877**
**HIST 1302** | **HIS 2366** | **History of the U.S. since 1877**

**SOCIAL SCIENCES: Three courses, each from a different areas (i.e. ANT, SOC, PSY, etc.):**

**ANTH 2346** | **ANT 1305** | **Introduction to Anthropology**
**ANTH 1325** | **ANT 2302** | **The Emergence of World Civilizations**
**ANTH 1303** | **ANT 2303** | **Science, Society, and Culture**
**ECON 1305** | **ECON 2302** | **Survey of Econ Princ. For Non-Bus. Majors**
**ECON 2302** | **ECON 2306** | **Principles of Microeconomics**
**ECON 2307** | **ECON 2308** | **Principles of Macroeconomics**
**FAS 1303** | **FAS 3303** | **Freshman Academic Seminar: Medicine...**
**FAS 1305** | **FAS 3305** | **Freshman Academic Seminar: Social Science**
**GEOG 1300** | **GEOG 1301** | **World Geography**
**HON 1300** | **HON 1301** | **Advanced Readings and Research Honors**
**HON 1301** | **HON 1302** | **Colloquium Honors**
**HON 1302** | **HON 1301** | **Colloquium Honors**

**PHIL 2303** | **PHIL 1306** | **Logic**
**PHIL 2306** | **PHIL 1307** | **Critical Thinking**

**PHIL 2307** | **PHIL 1308** | **Introduction to Ethics**
**PHIL 2308** | **PHIL 1303** | **Introduction to Philosophy**
**PHIL 2309** | **PHIL 1301** | **Moral Philosophy**
**PHIL 2310** | **PHIL 1302** | **History of Philosophy: Classical**
**PHIL 2312** | **PHIL 1304** | **History of Philosophy: Modern Europe**

**GOVT 2302 or 2305** | **PSCI 1305** | **American National Government**
**GOVT 2301 or 2306** | **PSCI 1306** | **American State & Local Government**
**PSYC 2301** | **PSCI 1305** | **Psychology**
**SOC 1301** | **SOC 1305** | **Introduction to Sociology**

**POLITICAL SCIENCE:**

**GOVT 2305 AND 2306** | **PSCI 2302** | **American Constitutional Development**

**LAB SCIENCE: One course from each area:**

**BIOL 1408** | **BIO 1401** | **Current Issues in Human Biology**
**BOIL 1409** | **BIO 1403** | **Exploring the Living World**
**BIOI 1406** | **BIO 1305-1105** | **Modern Concepts of Bioscience**
**BIOI 1407** | **BIO 1306-1106** | **Modern Concepts of Bioscience, Continued**

**CHEM 1411** | **CHE 1301-1103** | **Basic Principles of Chemistry I**
**CHEM 1412** | **CHE 1302-1102** | **Basic Principles of Chemistry II**
**CHEM 1341-1146** | **Introductory Organic Biochemistry**
**CHE 1405** | **CHE 1405** | **Chemistry & Society**
**CHE 1405** | **CHE 1405** | **Descriptive Astronomy**

**PHY 1404** | **PHY 1404** | **Light, Vision and Optics**
**PHY 1405** | **PHY 1405** | **General Physics for BA Students**
**PHY 1407** | **PHY 1407** | **Sound and Acoustics**
**PHY 1408** | **PHY 1408** | **Gen. Physics for Nat. & Behavioral Sci I**
**PHY 1425** | **PHY 1425** | **Discriptive Astronomy**
**PHYS 2425** | **PHYS 2425** | **General Physics I**

**A third 4-hour lab science course from above or others in the fields of biology, chemistry, geology or physics OR:**

**ANT 1304** | **Intro to Human Evolution**
**ENV 1301-1101** | **Exploring Environment at Issues and lab**
**ENV 1303-1103** | **Wildlife Ecology and lab**
**FAS 1407** | **Freshman Academic Seminar: Science**

**FOREIGN LANGUAGE: To be fulfilled with one of the following options:**

**A. Complete ONE Modern or Classical language through the 2302 level OR**

**B. Complete TWO Classical languages through the 1302 or 1402 level.**

Two languages from Latin, Greek, and Hebrew may be used. (It is strongly recommended that the language requirement be started during the first year of residence work. Chemistry, Biochemistry, and Mathematics majors are required to take a modern foreign language.)

**Modern Languages**

- Arabic (ARB)
- Korean (KOR)
- Latin (LAT)

**Classical Languages**

- Chinese (CHI)
- Portuguese (POR)
- Greek (GRC)

- French (FRE)
- Russian (RUS)
- Hebrew (HEB)

**German (GER)**

**Spanish (SPA)**

**Italian (ITA)**

**Swahili (SWA)**

**Japanese (JPN)**

**Note:** Both GOVT 2305 and 2306 must be complete before coming to Baylor to receive credit for PSC 2302. This course may not be transferred from another school after the student has earned hours at Baylor. This substitution is not available for Political Science majors.

**LIFETIME FITNESS: Four activity courses are required**