### A Suggested Sequence of Required Courses for a South Texas Transfer Student (2016-2017 Catalog)

#### Bachelor of Science in Biology

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<th>Fall</th>
<th>Spring</th>
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<tr>
<td><strong>South Texas</strong></td>
<td><strong>BU</strong></td>
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<tr>
<td>Freshman Year</td>
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<tr>
<td>ENGL 1301</td>
<td>MATH 1320</td>
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<td>ENGL 1302</td>
<td>PRECALCULUS</td>
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<tr>
<td>CHEM 1411</td>
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<td>BIOL 1406</td>
<td>BIO 1306/1106</td>
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<td>Sophomore Year</td>
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<td>MATH 2414</td>
<td>REL 1310</td>
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<td>CHEM 2423</td>
<td>CHEM 2425</td>
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<td>BIO 2306/2106</td>
<td>Genetics with Lab</td>
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<td>Junior Year</td>
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<td>ENGL 2321</td>
<td>GEO 2401</td>
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<td>OR 1404</td>
<td>GEO 1405</td>
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<td>PHYS 2425</td>
<td>PHYS 1408/1420</td>
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**Notes:**

- This program is designed for students who desire a strong, diverse background in the sciences.
- 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.
- 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.
- 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.
- Group 1 - at least four semester hours from: BIO 3425, 4327, 4308-4308, 4426
- Group 2 - at least four semester hours from: BIO 3427, 4307-4307, J417, or 4431
- Group 3 - at least four semester hours from: BIO 3303-3303, 3324-3324, 4405, 4406, 4414, 4418, 4422, 4427, 4428, or 4V04.
- BIO Electives: Choose 7 hours of electives. A maximum of 3 hours of Individual Topics may be used for elective credit.
- English requirement: Students majoring in the sciences may take ENG 3300 instead of ENG 1304.
- For more information, see the Baylor Undergraduate Catalog.

*Because of the number of electives, there is enough room for a minor with this major. Students interested in teaching should contact the School of Education for information about a Science Achievement Test.*

Please see reverse side for important information on general requirements.
**South Texas COURSE** | **BAYLOR COURSE** | **BAYLOR TITLE**
--- | --- | ---
ENGL 1301 | ENGL 1302 | Thinking and Writing
ENGL 1302 | ENGL 1304 | Thinking, Writing & Research
ENGL 2321 | ENGL 2301 | British Literature
ENGL 2326 | ENGL 2304 | American Literature
ENG 2306 | | World Literature

**HISTORY/SOCIAL SCIENCE:**
- ANTH 2346 | ANT 1305 | Introduction to Anthropology
- ANTH 2301 | ANT 3301 | Science, Society, and Culture
- ECO 2302 | ECO 2306 | Principles of Microeconomics
- ECO 2307 | Principles of Macroeconomics
- GEOG 1303 | GEOG 1300 | World Geography
- HIST 2321 | HIS 1305 | History of the U.S. before 1777
- HIST 2322 | HIS 1307 | History of the U.S. since 1750
- HIST 1301 | HIS 2365 | History of the U.S. to 1877
- HIST 1302 | HIS 2366 | History of the U.S. since 1877
- PHIL 2303 | PHI 1306 | Logic
- PHIL 1307 | PHI 1308 | Introduction to Ethics
- PHI 1301 or 2307 | PHI 1321 | Introduction to Philosophy
- PHI 3301 | | Moral Philosophy
- PHI 3310 | PHI 3312 | History of Philosophy: Classical
- PHI 2308 | PHI 3311 | History of Philosophy: Ancient
- GOVT 2302 or 2305 | PSC 1305 | American National Government
- GOVT 2301 | PSC 1306 | American State & Local Government
- PSYC 2301 | PSY 1305 | Introductory Psychology
- SOCI 1301 | SOC 1305 | Introduction to Sociology

**ENGLISH:**
- ENGL 1301 | ENGL 1302 | Thinking and Writing
- ENGL 1302 | ENGL 1304 | Thinking, Writing & Research
- ENGL 2321 | ENGL 2301 | British Literature
- ENGL 2326 | ENGL 2304 | American Literature
- ENG 2306 | | World Literature

**SCIENCE:**
- BIO 1408 | BIO 1401 | Current Issues in Human Biology
- BIO 1406 | BIO 1305-1105 | Modern Concepts of Bioscience
- BIOL 1407 | BIO 1306-1106 | Modern Concepts of Bioscience, Continued
- BIOL 2401 | BIO 2401 | Human Anatomy and Physiology I
- BIOL 2402 | BIO 2402 | Human Anatomy and Physiology II
- BIOL 2421 | BIO 1402 | Introductory Microbiology
- GEOL 1403 | GEO 1405 | The Dynamic Earth
- GEOL 1404 | GEO 1406 | Earth Through Time
- CHEM 1411 | CHE 1301-1101 | Basic Principles of Chemistry I
- CHEM 1412 | CHE 1302-1102 | Basic Principles of Chemistry II
- CHEM 2423 | CHE 3331 | Organic Chemistry I
- CHEM 2425 | CHE 3258 | Organic Chemistry lab
- PHYS 2425 | PHY 1420 | General Physics I
- PHYS 1430 | PHY 1430 | General Physics II
- ENV 1301-1101 | Exploring Environmental Issues and Lab
- ENV 1303-1103 | Wildlife Ecology and Lab

**MATH:**
- MATH 2413 | MTH 1320 | Pre-Calculus
- MATH 2414 | MTH 1322 | Calculus II

**FOREIGN LANGUAGE:** To be fulfilled with one of the following options:
A. Complete ONE Modern or Classical language through the 2320 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.

- SPAN 1310 or 1411 | SPA 1401 | Elementary Spanish I
- SPAN 1412 or 2311 | SPA 1402 | Elementary Spanish II
- SPAN 2312 | SPA 2310 | Intermediate Spanish I
- SPA 2320 | | Intermediate Spanish II

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