### Bachelor of Arts in Biology

**A Suggested Sequence of Required Courses for a TJC transfer student (2016-2017 Catalog)**

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th></th>
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<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
</tr>
<tr>
<td>JIC BU</td>
<td>Title</td>
</tr>
<tr>
<td><strong>CHA 1088</strong></td>
<td>Chapel</td>
</tr>
<tr>
<td><strong>ENGL 1301</strong></td>
<td>ENG 1302</td>
</tr>
<tr>
<td><strong>MATH 1320</strong></td>
<td>Precalculus</td>
</tr>
<tr>
<td><strong>See reverse</strong></td>
<td>Foreign Language</td>
</tr>
<tr>
<td><strong>CHEM 1411</strong></td>
<td>CHE 1301/1101</td>
</tr>
<tr>
<td><strong>BIOL 1406</strong></td>
<td>BIO 1305/1105</td>
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<td></td>
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</tr>
<tr>
<td><strong>Summer</strong></td>
<td><strong>First</strong></td>
</tr>
<tr>
<td>JIC BU</td>
<td>Title</td>
</tr>
<tr>
<td><strong>STA 2381</strong></td>
<td>Intro Statistics</td>
</tr>
<tr>
<td></td>
<td>3</td>
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<tr>
<td><strong>Sophomore Year</strong></td>
<td><strong>Fall</strong></td>
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<tr>
<td>JIC BU</td>
<td>Title</td>
</tr>
<tr>
<td><strong>REL 1310</strong></td>
<td>Christian Scriptures</td>
</tr>
<tr>
<td><strong>See reverse</strong></td>
<td>Social Science</td>
</tr>
<tr>
<td><strong>CHE 3331</strong></td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td><strong>See reverse</strong></td>
<td>Foreign Language</td>
</tr>
<tr>
<td><strong>BIOL 2306/2106</strong></td>
<td>Genetics w/lab</td>
</tr>
<tr>
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<td>18</td>
</tr>
<tr>
<td><strong>Junior Year</strong></td>
<td><strong>Fall</strong></td>
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<tr>
<td>JIC BU</td>
<td>Title</td>
</tr>
<tr>
<td><strong>See reverse</strong></td>
<td>Fine Art</td>
</tr>
<tr>
<td><strong>See reverse</strong></td>
<td>History</td>
</tr>
<tr>
<td><strong>PHY 1408/1420</strong></td>
<td>General Physics for Natural and Behavioral Sciences I</td>
</tr>
<tr>
<td><strong>Lifetime Fitness</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Advance Elective</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>See below</strong></td>
<td><strong>BIO Elective - Group 3</strong></td>
</tr>
<tr>
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<td>18</td>
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<tr>
<td><strong>Senior Year</strong></td>
<td><strong>Fall</strong></td>
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<tr>
<td>JIC BU</td>
<td>Title</td>
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<tr>
<td><strong>See Below</strong></td>
<td><strong>BIO Elective</strong></td>
</tr>
<tr>
<td><strong>See reverse</strong></td>
<td>Fine Art</td>
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<tr>
<td><strong>See reverse</strong></td>
<td><strong>ENGL 2327/2328 or ENGL 2332/2333</strong></td>
</tr>
<tr>
<td><strong>ENGL 2304 or ENG 2306</strong></td>
<td><strong>American Literature or World Literature</strong></td>
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<tr>
<td><strong>Advance Elective</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Lifetime Fitness</strong></td>
<td>1</td>
</tr>
<tr>
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<td>17</td>
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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 at 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 66 hours. Students who have not met the admission requirement at 66 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 5 hours of Individual Topics may be used for elective credit.
- English requirement: Students are allowed to take either ENG 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.*

Please see reverse side for important information on general requirements.
LIFETIME FITNESS: Four activity courses are required.

<table>
<thead>
<tr>
<th>TJC COURSE</th>
<th>BAYLOR COURSE</th>
<th>BAYLOR TITLE</th>
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</table>

**ENGLISH:**
- ENG 1301 / ENGL 1301: Thinking and Writing
- ENG 1302 / ENGL 1302: Thinking, Writing & Research
- ENGL 2321 / ENGL 2301: British Literature
- ENGL 2327/2328: American Literature
- ENGL 2323/2333: World Literature

**SOCIAL SCIENCES:** Three courses, each from a different areas (i.e. ANT, SOC, PSY, etc.):
- ANT 1306: Introduction to Anthropology
- ANTH 1307: Current Issues in Human Biology
- BIOL 1306: Introduction to Ethology
- GOVT 1306: American National Government
- GOVT 2306: American State & Local Government

**FINE ARTS:** Three courses, each from a different areas (i.e. ART, THEA, MUS, etc.):
- ART 1306: History of Art I
- ART 1307: History of Art II
- DRAM 1301: Theatrical Appreciation

**HISTORY:**
- HIST 1301: History of the U.S. to 1877
- HIST 1302: History of the U.S. since 1877

**LAB SCIENCE:** One course from each area:
- BIOL 1408: Introduction to Life Sciences
- BIOL 1409: Exploring the Living World
- BIOL 1407: Modern Concepts of Bioscience
- GEO 1401*: Earthquakes & other Natural Disasters
- GEO 1402*: World Oceans
- GEO 1403*: Environmental Geology
- GEO 1404*: The Dynamic Earth
- GEO 1406*: Earth Through Time
- GEO 1408: Earth Science
- STA 1306-1106: Introduction to Neuroscience

**FOREIGN LANGUAGE:** To be fulfilled with one of the following options:
- SPA 2312: Intermediate西班牙语
- SPA 2310: Intermediate Spanish

**MATH:**
- MATH 1332: Ideas in Mathematics
- MATH 2412: Pre-Calculus
- MATH 2413: Calculus I
- MATH 2414: Calculus II
- MATH 1342: Elementary Statistics

**PHYS:**
- PHYS 1405: General Physics for BA Students
- PHYS 1407: Sound and Acoustics
- PHYS 1420: General Physics
- PHYS 1415: Descriptive Astronomy

**SOCIAL SCIENCES:** Three courses, each from a different areas (i.e. ANT, SOC, PSY, etc.):
- ANT 1305: Introduction to Anthropology
- ANT 1306: World History to 1877
- ANT 1309: History of the U.S. to 1877

**LAB SCIENCE:** One course from each area:
- BIOL 1306: Current Issues in Human Biology
- BIOL 1403: Exploring the Living World
- BIOL 1407: Modern Concepts of Bioscience, Continued
- GEO 1401*: Earthquakes & other Natural Disasters
- GEO 1402*: World Oceans
- GEO 1403*: Environmental Geology
- GEO 1404*: The Dynamic Earth
- GEO 1406*: Earth Through Time
- GEO 1408: Earth Science
- STA 1306-1106: Introduction to Neuroscience

* Credit allowed for only one of these courses.

**HISTORY:**
- HIST 1305: World History to 1500
- HIST 1307: World History since 1500

**LAB SCIENCE:** One course from each area:
- BIOL 1408: Introduction to Life Sciences
- BIOL 1409: Exploring the Living World
- BIOL 1407: Modern Concepts of Bioscience
- GEO 1401*: Earthquakes & other Natural Disasters
- GEO 1402*: World Oceans
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**FOREIGN LANGUAGE:** To be fulfilled with one of the following options:
- SPA 2312: Intermediate西班牙语
- SPA 2320: Intermediate Spanish

See below:
- PSC 2302: American Constitutional Development

Note: Both GOVT (2305 or 2302) AND (2306 or 2301) 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.