**BAYLOR BOUND MAJOR ACADEMIC PLANNER**

**Bachelor of Arts in Biology - Pre-Health Care**

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

### Freshman Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Fall</td>
<td>CHE 1301</td>
<td>Basic Principles of Modern Chemistry I with Lab</td>
<td>4</td>
<td>CHEM 1412</td>
<td>CHEM 1302-1102</td>
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<tr>
<td></td>
<td>BIO 1406</td>
<td>Modern Concepts of Bioscience II with Lab</td>
<td>4</td>
<td>BIO 1406</td>
<td>BIO 1306-1106</td>
<td>4</td>
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### Summer

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<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td>STA 2381</td>
<td>Intro Statistics</td>
<td>3</td>
<td>ENGL 2321 or 2322</td>
<td>British Literature</td>
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### Sophomore Year

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<th>Hours</th>
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<tbody>
<tr>
<td>Fall</td>
<td>ENGL 1301</td>
<td>Christian Scriptures</td>
<td>3</td>
<td>REL 1350</td>
<td>Christian Heritage</td>
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<td>REL 1310</td>
<td>History</td>
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<td>Social Science</td>
<td>3</td>
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<tr>
<td></td>
<td>See Reverse</td>
<td>Fine Art</td>
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<td></td>
<td>See Reverse</td>
<td>Foreign Language</td>
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<td>Foreign Language</td>
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<tr>
<td></td>
<td>See Reverse</td>
<td>Lifetime Fitness</td>
<td>1</td>
<td>CHE 3332</td>
<td>Organic Chemistry II</td>
<td>3</td>
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<tr>
<td></td>
<td>CHE 3331</td>
<td>Organic Chemistry I</td>
<td>3</td>
<td>CHE 3238</td>
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<td>17</td>
<td>BIO 2416</td>
<td>Genetics with Lab</td>
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<td>BIO 2306-2106</td>
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<td>BIO 3422</td>
<td>Human Physiology</td>
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### Junior Year

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<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Fall</td>
<td>BIO 3425, 3429, 4308-4108, or 4426</td>
<td>Biology Elective</td>
<td>4</td>
<td>ENGL 2326 or 2331, 2332, 2333</td>
<td>American or World Literature</td>
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<td>ENGL 2304 or 2306</td>
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<td>BIO 4307</td>
<td>Biochemistry and Physiology of the Cell</td>
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<td>Fine Art</td>
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<td>History</td>
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<td>Advanced Elective</td>
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<td>Lifetime Fitness</td>
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<td>See Reverse</td>
<td>Advanced Elective</td>
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### Senior Year

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<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Fall</td>
<td>BIO 4001</td>
<td>Achievement Test</td>
<td>4</td>
<td>ENGL 1301, 1402, 1403, 2401, and 2402</td>
<td>American or World Literature</td>
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<tr>
<td></td>
<td>ENGL 3233</td>
<td>Advanced Elective</td>
<td>3</td>
<td>ENGL 1305, 1306, and 1307</td>
<td>Advanced Elective</td>
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<tr>
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<td>ENGL 1420</td>
<td>Lifetime Fitness</td>
<td>1</td>
<td>ENGL 1301, 1402, 1403, 2401, and 2402</td>
<td>Lifetime Fitness</td>
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<td>16</td>
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</table>

### Notes about major requirements:

- **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 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.*

**Midland CHEM 2423 and 2425 will count as CHE 3331, 3332, and 3238 but will not count as advanced course work.**

*Please see reverse side for important information on general requirements.*
<table>
<thead>
<tr>
<th>MIDLAND COURSE</th>
<th>BAYLOR COURSE</th>
<th>BAYLOR TITLE</th>
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<tbody>
<tr>
<td>ENGL 1301</td>
<td>ENG 1302</td>
<td>Thinking and Writing</td>
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<tr>
<td>ENGL 1304</td>
<td>ENG 1304</td>
<td>Thinking, Writing &amp; Research</td>
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<tr>
<td>ENGL 2321 or 2322</td>
<td>ENG 2301</td>
<td>British Literature</td>
</tr>
<tr>
<td>ENGL 2326</td>
<td>ENG 2304</td>
<td>American Literature</td>
</tr>
<tr>
<td>ENGL 2331,2332 or 2333</td>
<td>ENG 2306</td>
<td>World Literature</td>
</tr>
</tbody>
</table>

**FINE ARTS:** Three courses, each from a different area (i.e., ART, THEA, MUS, etc.):
- **ART 1301**
- **ART 1303**
- **ART 1304**

**COMM 1307**
- JOUR/FDM 1303 Introduction to Mass Communication

**MUSI 1306**
- MUS 1220 Introduction to Music

**MUSI 1322**
- American Popular Music

**MUSI 3323**
- History of Jazz

**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**
- THEA 1206 Theatre Appreciation

**DRAM 2361**
- THEA 2374 History of Theatre I

**HISTORY:**
- **HIST 2321**
- **HIST 2322**
- **HIST 1301**
- **HIST 1302**

**SOCIAL SCIENCES:** Three courses, each from a different area (i.e., ANT, SOC, PSY, etc.):
- **ANT 1305** Introduction to Anthropology
- **ANT 1325** Introduction to Global Health
- **ANT 2302** The Emergence of World Civilizations
- **ANT 3301** Science, Society, and Culture
- **ECO 2306** Principles of Microeconomics
- **ECO 2307** Principles of Macroeconomics
- **FAS 1303** Freshman Academic Seminar: Medicine
- **FAS 1305** Freshman Academic Seminar: Social Science
- **GEOG 1303**
- **GEOG 1300** World Geography
- **HON 3100** Advanced Readings and Research Honors
- **HON 3101** Advanced Readings and Research Honors
- **HON 3200** Colloquium Honors
- **HON 3201** Colloquium Honors

**PHIL 2303**
- PHIL 1306 Logic
- PHIL 1307 Critical Thinking

**PHIL 2306**
- PHIL 1308 Introduction to Ethics
- PHIL 1301 Introduction to Philosophy
- PHIL 3303 Moral Philosophy
- PHIL 3310 History of Philosophy: Classical
- PHIL 3312 History of Philosophy: Modern Europe
- PHIL 3322 Philosophy and the Arts (for Art majors)

**GOVT 2302 or 2305**
- PSY 1305 American National Government
- PSY 1306 American State & Local Government

**PSYC 2301**
- PSY 1305 Introductory Psychology

**SOCI 1301**
- SOC 1305 Introduction to Sociology

**POLITICAL SCIENCE:**
- **GOVT 2305 AND 2306**
- **PSYC 2302**

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

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

**AREA 1:**
- BIOL 1408
- BIO 1401
- Current Issues in Human Biology
- BIO 1403
- Exploring the Living World
- BIOL 1406
- BIO 1305-1105
- Modern Concepts of Bioscience
- BIOL 1407
- BIO 1306-1106
- Modern Concepts of Bioscience; Continued

**AREA 2:**
- GEO 1402
- World Oceans
- GEO 1403
- Exploring the Living World
- GEO 1405
- The Dynamic Earth
- GEO 1406
- Earth Through Time
- GEO 1401
- Earth Science
- GSC 1306-1106
- Introduction to Neuroscience

**AREA 3:**
- A third 4-hour lab science course from above or others in the fields of biology, chemistry, geology or physics.

**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.)

- **FREN 1411**
- **FRE 1401**
- Elementary French I
- **FREN 1412**
- **FRE 1402**
- Elementary French II
- **FREN 2311**
- **FRE 2310**
- Intermediate French I
- **FREN 2312**
- **FRE 2320**
- Intermediate French II
- **SPAN 1411**
- **SPA 1401**
- Elementary Spanish I
- **SPAN 1412**
- **SPA 1402**
- Elementary Spanish II
- **SPAN 2311**
- **SPA 2310**
- Intermediate Spanish I
- **SPAN 2312**
- **SPA 2320**
- Intermediate Spanish II
- **GERM 1411**
- **GER 1401**
- Elementary German I
- **GERM 1412**
- **GER 1402**
- Elementary German II
- **GERM 2310**
- **GER 2310**
- Intermediate German I
- **GERM 2312**
- **GER 2320**
- Intermediate German II

- Taught at Baylor; no equivalent course at Midland

**Modern Languages:**
- Arabic (ARB)
- Portuguese (POR)
- Latin (LAT)
- Chinese (CHB)
- Russian (RUS)
- Greek (GKC)
- Italian (ITA)
- Spanish (SPA)
- Hebrew (HEB)
- Japanese (JPN)
- Swahili (SWA)
- Korean (KOR)