# Baylor Bound Major Academic Planner

## Bachelor of Arts in Biochemistry

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

### Freshman Year

<table>
<thead>
<tr>
<th>Collin</th>
<th>BU</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHA 1088</td>
<td>Chapel</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>ENGL 1301</td>
<td>ENG 1302</td>
<td>Thinking and Writing</td>
<td>3</td>
</tr>
<tr>
<td>MTH 1320</td>
<td>Precalculus</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM 1411</td>
<td>CHE 1301-1101</td>
<td>Basic Principles of Modern Chemistry I with Lab</td>
<td>4</td>
</tr>
</tbody>
</table>

### Sophomore Year

<table>
<thead>
<tr>
<th>Collin</th>
<th>BU</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2414</td>
<td>MTH 1322</td>
<td>Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1406</td>
<td>BIO 1305-1105</td>
<td>Modern Concepts of Bioscience I with Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 2216</td>
<td>Lab Measurements &amp; Techniques</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CHEM 2423</td>
<td>CHE 3311**</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
</tbody>
</table>

### Junior Year

<table>
<thead>
<tr>
<th>Collin</th>
<th>BU</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 3300</td>
<td>Technical Writing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PSC 2302</td>
<td>American Constitutional Development</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHY 1408 or 1420</td>
<td>General Physics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHE 4341</td>
<td>General Biochemistry</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHE 4141</td>
<td>Modern Biochemistry Lab</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

### Senior Year

<table>
<thead>
<tr>
<th>Collin</th>
<th>BU</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 4151</td>
<td>Undergraduate Seminar I</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CHE 4125</td>
<td>Biophysical Chemistry Lab</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CHE 4327</td>
<td>Physical Chemistry for Life Sciences</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGL 2327, 2328 or 2332, 2333</td>
<td>ENG 2304 or 2306</td>
<td>American or World Literature</td>
<td>3</td>
</tr>
<tr>
<td>CHE 4327</td>
<td>Undergraduate Seminar I</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CHE 4125</td>
<td>Biophysical Chemistry Lab</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CHE 4327</td>
<td>Physical Chemistry for Life Sciences</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGL 2327, 2328 or 2332, 2333</td>
<td>ENG 2304 or 2306</td>
<td>American or World Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

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**Notes about major requirements:**

- CHE courses in the first two years must not be deferred, except that CHE 1316 may be delayed one semester.
- PHY 1430 or 1409 must be completed by the end of the junior year.
- CHE 4327 and 4125 must be taken in the fall of junior year or senior year. Prerequisites are CHE 2216, 4341 or concurrent enrollment, MTH 1322 and PHY 1430 or 1409.
- 4000 level CHE courses, except 4341, are only taught once per year, in the semesters indicated above.
- One Fine Art or Social Science may need to be a 3000-4000 level course to meet the advanced hour requirement.
- English requirement: It is recommended that science majors take ENG 3300 their junior or senior year rather than ENG 1304. Students may also take FAS 1118, 1128, and 1138 instead of ENG 1304.
- For more information, see the Baylor Undergraduate Catalog.

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

Please see reverse side for important information on general requirements.
### Baylor Course

#### World Oceans
- Science, Society, and Culture
- Freshman Academic Seminar: Science

- **Core Courses:**
  - BIO 1306-1106
  - ECO 1305
  - ARAB 1412
  - PHY 1404

- **Supporting Courses:**
  - PHI 1321
  - SPA 1402
  - ITA 1401

#### FINE ARTS:
- Three courses, each from a different area (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 |

- **Other Courses:**
  - SPA 2310
  - SPA 2320
  - SPA 2311
  - SPA 2320
  - SPA 2312

#### HISTORY:
- HIST 2323
- HIST 2322
- HIST 1301
- HIST 1302

- **Additional Courses:**
  - ART 2303
  - ART 2304
  - ART 2305

#### SOCIAL SCIENCES:
- Three courses, each from a different area (i.e., ANT, SOC, PSY, etc.)

- **Guidelines:**
  - POLITICAL SCIENCE:
    - GOVT 9225 and 9235
    - GOVT 9236
    - GOVT 9237
    - GOVT 9240

- **Special Requirements:**
  - MUS 1300
  - MUS 1301
  - MUS 1302

### Collin Course

- **ENGLISH:**
  - ENGL 1301
  - ENGL 1302
  - ENGL 1304
  - ENGL 2322
  - ENGL 2327 or 2328
  - ENGL 2332

- **FINE ARTS:**
  - MUS 1306
  - MUS 1309

- **HISTORY:**
  - HIST 1301
  - HIST 1302

- **SOCIAL SCIENCES:**
  - ANT 1304
  - ANT 2302
  - ANT 2303

- **SCIENCE:**
  - CHEM 1412
  - CHEM 1411
  - CHEM 1410

- **LAB SCIENCE:**
  - BIOL 1408
  - BIOL 1409

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

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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.