# Baylor Bound Major Academic Planner

## Bachelor of Arts in Biochemistry

### A Suggested Sequence of Required Courses for an Temple transfer student (2014-2015 Catalog)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Fall</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Freshman Year</td>
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<tr>
<td>ENGL 1301</td>
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<tr>
<td>CHEM 1311</td>
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<td>Sophomore Year</td>
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<tr>
<td>MATH 2414</td>
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<td>BIOL 1406</td>
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<td>Lifetime Fitness</td>
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<tr>
<td>CHE 2216</td>
<td>Lab Measurements &amp; Techniques</td>
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<td>CHE 3331</td>
<td>Organic Chemistry</td>
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<td>Junior Year</td>
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<tr>
<td>ENG 3300</td>
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<tr>
<td>PHY 1408 or PHY 1420</td>
<td>General Physics</td>
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<td>CHE 4341</td>
<td>General Biochemistry</td>
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<td>CHE 4141</td>
<td>Modern Biochemistry Lab</td>
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<td>CHE 4151</td>
<td>Undergraduate Seminar I</td>
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<td>CHE 4125</td>
<td>Biophysical Chemistry Lab</td>
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<td>CHE 4327</td>
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<tr>
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<td>History</td>
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<td>MATH 2413</td>
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<td>CHEM 1312</td>
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<td>MTH 1306/ 1106</td>
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<td>CHE 3238</td>
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<tr>
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<td>PHY 1409 or PHY 1430</td>
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<td>CHE 4342</td>
<td>Topics in Human Biochemistry</td>
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<tr>
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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.

Please see reverse side for important information on general requirements.
<table>
<thead>
<tr>
<th>TEMPLE 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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<td>ENGL 1302</td>
<td>ENG 1304</td>
<td>Thinking, Writing &amp; Research</td>
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<td>ENGL 2322</td>
<td>ENG 2301</td>
<td>British Literature</td>
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<td>ENGL 2327 or 2328</td>
<td>ENG 2304</td>
<td>American Literature</td>
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<tr>
<td>ENGL 2332 or 2333</td>
<td>ENG 2306</td>
<td>World Literature</td>
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**FINE ARTS:** Three courses, each from a different area (i.e., ART, THEA, MUS, etc.):
- ARTS 1301
- ARTS 1303
- ARTS 1304

**ARTS 1301**
- ART 1300 Introduction to Art

**ARTS 1303**
- ART 2302 History of Art I

**ARTS 1304**
- ART 2303 History of Art II

**CLASS 3380**
- Classical Mythology

**FCS 3313**
- Historical Design I

**FCS 4313**
- Historical Design II

**FAS 1306**
- JOUR/DM 1303 Introduction to Mass Communication

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

**MUSI 3302**
- American Popular Music

**MUSI 3323**
- History of Jazz

**SPCH 1311 or 1315**
- CSS 301 Fundamentals of Public Communications

**SPCH 1321**
- CSS 302 Speech for Business and professional Students

**SPCH 1304**
- Argumentation, Discussion, and Debate

**DRAM 1310**
- THEA 1206 Theatre Appreciation

**THEA 2374**
- History of Theatre

**HISTORY:**
- HIS 1305 World History to 1500

**HISTORY:**
- 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 area (i.e., ANT, SOC, PSY, etc.):
- ANTH 2346
- ANT 1305 Introduction to Anthropology
- ANT 3301 Science, Society, and Culture

**ECO 1305**
- Survey of Eco. Principles For Non-bus. Majors

**ECO 2306**
- Principles of Microeconomics

**ECO 2307**
- Principles of Macroeconomics

**FAS 1303**
- FAS 1303

**FAS 1305**
- FAS 1305

**GEOG 1301**
- GEOG 1300 World Geography

**HNR 3100**
- HNR 3100

**HNR 3200**
- HNR 3200

**PHL 2303**
- PHL 306 Logic

**PHL 306**
- PHL 306

**PHIL 1301**
- PHL 3321 Introduction to Ethics

**PHL 3321**
- PHL 3321

**PSY 1305**
- PSY 1305 Introductory Psychology

**PSY 1305**
- PSY 1305

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

**SOC 1305**
- SOC 1305

**PSY 1305**
- PSY 1305

**PSY 1305**
- PSY 1305

**PSY 1305**
- PSY 1305

**PSY 1305**
- PSY 1305

**PSY 1305**
- PSY 1305

**PSY 1305**
- PSY 1305

**PSY 1305**
- PSY 1305

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

Note: Both GOVT 2305 or 2302 and PSC 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

**LAB SCIENCE:** One course from each area:
- BIO 1401 Current Issues in Human Biology
- BIO 1403 Exploring the Living World
- BIOL 1406 BIO 1305-1105 Modern Concepts of Biochemistry
- BIOL 1407 BIO 1306-1106 Modern Concepts of Biochemistry, Continued
- GEO 1401* Earthquakes & other Natural Disasters
- GEO 1402 World Oceans
- GEO 1403* Environmental Geology
- GEO 1404 Earth Through Time
- GEO 1408 Earth Science
- NSC 1306-1106 Introduction to Neuroscience

* Credit allowed for only one of these courses.

**AREA 2:**
- CHEM 1405 CHEM 1300-1100 ** Introduction to Chemistry
- CHEM 1311-1111 CHEM 1301-1101 ** Basic Principles of Chemistry I
- CHEM 1312-1112 CHEM 1302-1102 Basic Principles of Chemistry II
- CHEM 1341-1146 INTRODUCTORY ORGANIC BIOCHEMISTRY
- CHEM 1405** Chemistry & Society
- PHYS 1044 Light, Vision and Optics
- PHYS 1405 General Physics for BA Students
- PHYS 1407 Sound and Acoustics
- PHYS 1420 General Physics II
- PHYS 1455 Descriptive Astronomy

**AREA 3:**
- A third 4-hour lab science course from above or others in the fields of biology, chemistry, geology or physics. OR
- ANT 1404 Intro to Human Evolution
- ENV 1301-1101 Exploring Environment at Issues and lab
- ENV 1303-1103 Wildlife Ecology and lab

**MATH:**
- MATH 1332 MTH 1301 Ideas in Mathematics
- MATH 1330 Pre-Calculus
- MATH 2415 MTH 1321 Calculus I
- MATH 1342 STA 1380 Elementary Statistics

**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 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

Only taught at Baylor

SPAN 2306 SPA 2305 Intermediate Spanish I
- SPAN 2307 SPA 2306 Intermediate Spanish II

**MODERN LANGUAGES:**
- Arabic (ARB)
- Chinese (CHI)
- Latin (LAT)
- French (FRE)
- German (GER)
- Greek (GK)
- Italian (ITA)
- Japanese (JPN)
- Hebrew (HEB)
- Korean (KOR)
- Portuguese (POR)
- Russian (RUS)
- Swahili (SWA)