**BAYLOR BOUND MAJOR ACADEMIC PLANNER**

**Bachelor of Arts in Chemistry**

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

### Freshman Year

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title</strong></td>
<td><strong>Hours</strong></td>
<td><strong>Title</strong></td>
</tr>
<tr>
<td>MIDLAND BU</td>
<td>MIDLAND BU</td>
<td></td>
</tr>
<tr>
<td>CHA 1088 Chapel</td>
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<td>CHA 1088 Chapel</td>
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<tr>
<td>ENGL 1301 Thinking and Writing</td>
<td>3</td>
<td>REL 1310 Christian Scriptures</td>
</tr>
<tr>
<td>MATH 2413 Calculus I (if eligible)</td>
<td>3</td>
<td>MATH 2414 Calculus II</td>
</tr>
<tr>
<td>See Reverse Foreign Language</td>
<td>4</td>
<td>See Reverse Foreign Language</td>
</tr>
<tr>
<td>See Reverse Lifetime Fitness</td>
<td>1</td>
<td>See Reverse Lifetime Fitness</td>
</tr>
<tr>
<td>CHEM 1411 Basic Principles of Modern Chemistry I with Lab</td>
<td>4</td>
<td>CHEM 1412 Basic Principles of Modern Chemistry II with Lab</td>
</tr>
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<td><strong>Total</strong></td>
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### Sophomore Year

<table>
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<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td><strong>Title</strong></td>
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<td><strong>Title</strong></td>
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<tr>
<td>MIDLAND BU</td>
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</tr>
<tr>
<td>MTH 2321 Calculus III</td>
<td>3</td>
<td>ENGL 2301 or 2322 British Literature</td>
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<tr>
<td>PHY 1420 General Physics I</td>
<td>4</td>
<td>PHY 1430 General Physics II</td>
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<tr>
<td>See Reverse Foreign Language</td>
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<td>See Reverse Foreign Language</td>
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<tr>
<td>See Reverse Lab Measurements &amp; Techniques</td>
<td>2</td>
<td>See Reverse Lifetime Fitness</td>
</tr>
<tr>
<td>CHE 3331 Organic Chemistry</td>
<td>3</td>
<td>CHE 3238 Organic Chemistry Lab</td>
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<tr>
<td>See Below See Below</td>
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<td>CHE 3332 Organic Chemistry II</td>
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### Junior Year

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<th>Spring</th>
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<tbody>
<tr>
<td><strong>Title</strong></td>
<td><strong>Hours</strong></td>
<td><strong>Title</strong></td>
</tr>
<tr>
<td>MIDLAND BU</td>
<td>MIDLAND BU</td>
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<tr>
<td>See Reverse Social Science</td>
<td>3</td>
<td>REL 1350 Christian Heritage</td>
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<tr>
<td>See Reverse History</td>
<td>3</td>
<td>ENG 3300 Technical Writing</td>
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<tr>
<td>See Reverse Lab Science - Area 1</td>
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<td>See Reverse Fine Art</td>
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<td>See Reverse Lifetime Fitness</td>
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<td>See Reverse History</td>
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<tr>
<td>CHE 4321 Physical Chemistry I</td>
<td>3</td>
<td>CHE 4000 level Lecture</td>
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<td>CHE 4127 Physical Chemistry Lab I</td>
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<td>CHE 4000 level Lab</td>
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### Senior Year

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<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td><strong>Title</strong></td>
<td><strong>Hours</strong></td>
<td><strong>Title</strong></td>
</tr>
<tr>
<td>MIDLAND BU</td>
<td>MIDLAND BU</td>
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</tr>
<tr>
<td>CHE 4151 Undergraduate Seminar I</td>
<td>1</td>
<td>CHE 4001 Exit Examination</td>
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<tr>
<td>CHE 4000 level Lecture</td>
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<td>See Reverse Fine Art</td>
</tr>
<tr>
<td>ENGL 2326 or 2331,2332,2333 American or World Literature</td>
<td>3</td>
<td>See Reverse PSC 2302 American Constitutional Development</td>
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<tr>
<td>See Reverse Fine Art</td>
<td>3</td>
<td>See Reverse Social Science</td>
</tr>
<tr>
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<td>3</td>
<td>Advanced Elective</td>
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<tr>
<td>Advanced Elective</td>
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<td><strong>Total</strong></td>
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<td><strong>Total</strong></td>
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**Notes about major requirements:**

- Lab courses - two hours are required: CHE 4128, 4207, 4217, 4237, 4141.
- CHE 4000 level: Six additional hours of 4000 level courses are required: CHE 4207, 4301, 4302, 4316, 4217, 4322, 4128, 4237, 4341, or 4141.
- English requirement: It is recommended that science majors take ENG 3300 their junior or senior year rather than ENG 1304. Students may also take ENG 1118, 1128, and 1138 instead of ENG 1304.
- For more information, see the Baylor Undergraduate Catalog.

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

*Please see reverse side for important information on general requirements.*
### MIDLAND COURSE | BAYLOR COURSE | BAYLOR TITLE
--- | --- | ---
**ENGLISH:**
ENGL 1301 | ENGL 1302 | Thinking and Writing
ENGL 1304 | ENGL 1304 | Thinking, Writing & Research
ENGL 2321 or 2322 | ENGL 2301 | British Literature
ENGL 2326 | ENGL 2304 | American Literature
ENGL 2331, 2332 or 2333 | ENGL 2306 | World Literature
**FINE ARTS:** Three courses, each from a different areas (i.e. ART, THEA, MUS, etc.):
ART 1301 | ART 1300 | Introduction to Art
ART 1303 | ART 2302 | History of Art I
ART 1304 | ART 2303 | History of Art II
CLA 3380 | Classical Mythology
FAS 1306 | Freshman Academic Seminar: Fine Arts
COMM 1307 | FOU/FDM 1303 | Introduction to Mass Communication
MUSI 1306 | MUS 1220 | Introduction to Music
MUS 3322 | American Popular Music
MUS 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, & Debate
DRAM 1310 | THEA 1206 | Theatre Appreciation
DRAM 2361 | THEA 2374 | History of Theatre I
**HISTORY:**
HIST 2321 | HIS 1305 | World History to 1500
HIST 2322 | 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 areas (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 2305 | Survey of Econ Prin: For Non-bus. Majors
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 Reading and Research Honors
HON 3101 | Advanced Readings and Research Honors
HON 3200 | Colloquium Honors
HON 3201 | Colloquium Honors
PHIL 2303 | Logic
PHIL 1307 | Critical Thinking
PHIL 2306 | PHIL 1306 | Introduction to Ethics
PHIL 1301 | PHIL 1321 | 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 | PSC 1305 | American National Government
GOVT 2306 | PSC 1306 | American State & Local Government
PSYC 2301 | PSY 1305 | Introductory Psychology
SOC 1301 | SOC 1305 | Introduction to Sociology
**POLITICAL SCIENCE:**
GOVT 2305 AND 2306 | PSC 2302 | American Constitutional Development
**LAB SCIENCE:** One courses from each area:
BIOL 1408 | BIO 1401 | Current Issues in Human Biology
BIOL 1403 | Exploring the Living World
BIOL 1305-1105 | MODERN CONCEPTS OF BIOSCIENCE Continued
BIOL 1407 | BIO 1306-1106 | Modern Concepts of Biosciences
GEO 1401* | Earthquakes & other Natural Disasters
GEO 1402 | World Oceans
GEO 1403* | Environmental Geology
GEO 1405* | The Dynamic Earth
GEO 1406 | Earth Through Time
GEO 1407 | Earth Science
NCSC 1306-1106 | Introduction to Neuroscience
**CREDIT ALLOWED FOR ONLY ONE OF THESE COURSES:**
CHEM 1405 | CHE 1300-1105 | Introduction to Chemistry
CHEM 1411 | CHE 1301-1101 | Basic Principles of Chemistry I
CHEM 1412 | CHE 1302-1102 | Basic Principles of Chemistry II
CHEM 1341-1146 | Introduction Organic Biochemistry
CHEM 1405** | Chemistry & Society
PHY 1404 | Light, Vision & Optics
PHY 1405 | General Physics for BA Students
PHY 1407 | Sound and Acoustics
PHY 1408 | Gen. Physics for Nat. & Behavioral Sci
PHY 1420 | General Physics I
PHY 1455 | Descriptive Astronomy
**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

**Modern Languages:**
ARAB (ARB) | Portuguese (POR) | Arabic (ARB) | Portuguese (POR)
Chinese (CHI) | Russian (RUS) | Russian (RUS) | Greek (GKC)
Italian (ITA) | Spanish (SPA) | Spanish (SPA) | Hebrew (HEB)
Japanese (JPN) | Swahili (SWA) | Japanese (JPN) | Swahili (SWA)
Korean (KOR) |

**Classical Languages:**
Latin (LAT) |

**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.)

**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.

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