### Bachelor of Arts in Chemistry

**A Suggested Sequence of Required Courses for a Blinn transfer student (2014-2015 Catalog)**

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Fall</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 1301</td>
<td>Thinking and Writing</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Precalculus</td>
<td>3</td>
</tr>
<tr>
<td>See reverse</td>
<td>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>See reverse</td>
<td>Lifetime Fitness</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 1311/1111/1101</td>
<td>Basic Principles of Modern Chemistry I with Lab</td>
<td>4</td>
</tr>
<tr>
<td>Alam</td>
<td>BU</td>
<td>Title</td>
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<thead>
<tr>
<th>Sophomore Year</th>
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<tbody>
<tr>
<td>MATH 2414</td>
<td>Calculus II</td>
<td>3</td>
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<tr>
<td>PHY 1420</td>
<td>General Physics I</td>
<td>4</td>
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<tr>
<td>See reverse</td>
<td>Foreign Language</td>
<td>3</td>
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<tr>
<td>CHEM 2323</td>
<td>Organic Chemistry</td>
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<table>
<thead>
<tr>
<th>Juniors Year</th>
<th>Fall</th>
<th>Hours</th>
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<tbody>
<tr>
<td>See reverse</td>
<td>Social Science</td>
<td>3</td>
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<tr>
<td>See reverse</td>
<td>History</td>
<td>3</td>
</tr>
<tr>
<td>See reverse</td>
<td>Lab Science - Area I</td>
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<tr>
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<td>Lifetime Fitness</td>
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<tr>
<td>CHEM 4321</td>
<td>Physical Chemistry I</td>
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<tr>
<td>CHEM 4127</td>
<td>Physical Chemistry Lab I</td>
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<td>BU</td>
<td>Title</td>
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<table>
<thead>
<tr>
<th>Senior Year</th>
<th>Fall</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHE 4151</td>
<td>Undergraduate Seminar I</td>
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<tr>
<td>4000 Level Chemistry Lecture</td>
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<td>See reverse</td>
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<tr>
<td>See reverse</td>
<td>ENG 2304 or ENG 2306</td>
<td>American or World Literature</td>
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<tr>
<td>See reverse</td>
<td>Fine Arts</td>
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<tr>
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<td>Title</td>
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<td>15</td>
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</tbody>
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Notes on 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.

Please see reverse side for important information on general requirements.
## BACHELOR OF ARTS (BA) DEGREE CHECKLIST
(2014-2015 BAYLOR UNDERGRADUATE CATALOG)

### ENGLISH:
- ENGL 1301 - ENG 1302: Thinking and Writing
- ENGL 1302 - ENG 1304: Thinking, Writing & Research
- ENGL 2322 - ENG 2301: British Literature
- ENGL 2327 or 2328 - ENG 2304: American Literature
- ENGL 2322 or 2323 - ENG 2306: World Literature

### FINE ARTS:
- ARTS 1301: Art 1300 - Introduction to Art
- ARTS 1303: Art 2302 - History of Art I
- ARTS 1304: Art 2303 - History of Art II
- CLA 3380: Classical Mythology
- FCS 3313: Historical Design I
- FCS 4313: Historical Design II
- FAS 1306
- COMM 1307: JOU/DM 1303 - Introduction to Mass Communication
- MUSI 1306: MUS 1220 - Introduction to Music
- MUSI 3322: 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
- THEA 2374: History of Theatre I

### HISTORY:
- HIS 1305: World History to 1500
- HIS 1307: World History since 1500
- HIST 1301: HIS 2565 - History of the U.S. to 1877
- HIST 1302: HIS 2566 - History of the U.S. since 1877

### SOCIAL SCIENCES:
- ANT 1305: Introduction to Anthropology
- ANT 1301: Society, Science, and Culture
- ECON 1301: ECO 1305 - Survey of Econ Princ. For Non-Bus. Majors
- ECO 2306: Principles of Microeconomics
- ECO 2307: Principles of Macroeconomics
- FAS 1303
- FAS 1305
- GEOG 1303: GEOG 1340 - World Geography
- HNR 3100
- HNR 3101
- HNR 3200
- HNR 3204
- PHIL 2303: PHI 1306 - Logic
- PHI 1307: Critical Thinking
- PHIL 2306: PHI 1308 - Introduction to Ethics
- PHIL 1301: PHI 1321 - Introduction to Philosophy
- PHI 3301: Moral Philosophy
- PHI 3310: History of Philosophy: Classical
- PHI 3312: History of Philosophy: Modern Europe
- PHI 3322: Philosophy and the Arts (for Art majors)
- GOVT 2305 or 2302: PSC 1305 - American National Government
- GOVT 2306 or 2301: PSC 1306 - American State & Local Government
- PSYC 2301: PSY 1305 - Introductory Psychology
- SOCI 1301: SOC 1305 - Introduction to Sociology
- GOVT (2305 or 2302) AND (2306 or 2301): PSC 2302 - American Constitutional Development

### LAB SCIENCE:
- One courses from each area:
  - **AREA 1:**
    - BIOL 1408 - BIO 1401: Current Issues in Human Biology
    - BIOL 1403: Exploring the Living World
    - BIOL 1406 - BIO 1305-1105: Modern Concepts of Bioscience
    - BIOL 1407 - BIO 1306-1106: 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
    - NSC 1306-1106: Introduction to Neuroscience
    - * Credit allowed for only one of these courses.
  - **AREA 2:**
    - CHEM 1305/1105: CHE 1300-1100: Chemistry with Lab
    - CHEM 1311/1111: CHE 1301-1101: Basic Principles of Chemistry I with Lab
    - CHEM 1312/1112: CHE 1302-1102: Basic Principles of Chemistry II with Lab
    - CHEM 1307/1107: CHE 1314-1114: Introductory Organic Biochemistry
    - CHE 1405: Chemistry & Society
    - PHY 1404: Light, Vision & Optics
    - PHY 1405: General Physics for BA Students
    - PHY 1407: Sound and Acoustics
    - PHY 1420: General Physics I
    - PHY 1455: Descriptive Astronomy
    - ** Credit allowed for only one of these courses.
  - **AREA 3:**
    - A third 4-hour lab science course from above or others in the fields of biology, chemistry, geology or physics.
    - OR
    - ANT 1304: Intro to Human Evolution
    - ENV 1301-1101: Exploring Environmental Issues and Lab
    - ENV 1303-1103: Wildlife Ecology and Lab

### MATH:
- MATH 1332: MTH 1301 - Ideas in Mathematics
- MATH 2413: MTH 1321 - Pre-Calculus
- MATH 2413: MTH 1321 - Calculus I
- MATH 1442: 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.)

  - ARAB 1411: ARB 1401 - Elementary Arabic I
  - ARAB 1412: ARB 1402 - Elementary Arabic II
  - CHIN 1411: CHI 1401 - Elementary Chinese I
  - CHIN 1412: CHI 1402 - Elementary Chinese II
  - FREN 1411: FRE 1401 - Elementary French I
  - FREN 1412: FRE 1402 - Elementary French II
  - GER 1411: GER 1401 - Elementary German I
  - GER 1412: GER 1402 - Elementary German II
  - ITAL 1411: ITA 1401 - Elementary Italian I
  - ITAL 1412: ITA 1402 - Elementary Italian II
  - JPN 1411: JPN 1401 - Elementary Japanese I
  - JPN 1412: JPN 1402 - Elementary Japanese II
  - LAT 1311: LAT 1301 - Elementary Latin I
  - LAT 1312: LAT 1302 - Elementary Latin II
  - SPAN 1412: SPA 1401 - Elementary Spanish I
  - SPAN 2311: SPA 1402 - Elementary Spanish II
  - SPAN 2312: SPA 2310 - Intermediate Spanish I
  - SWAHILI (SWA) - Russian (RUS)
  - KOREAN (KOR) - Greek (GKC)
  - PORTUGUESE (POR) - Hebrew (HEB)

### LIFETIME FITNESS:
- Four activity courses are required