# Bachelor of Arts in Chemistry

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

### Freshman Year

<table>
<thead>
<tr>
<th>Tarrant County</th>
<th>BU</th>
<th>Title</th>
<th>Hours</th>
<th>Tarrant County</th>
<th>BU</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>CHA 1088</td>
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<td>CHA 1088</td>
<td>Chapel</td>
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<tr>
<td>ENGL 1301</td>
<td>ENG 1302</td>
<td>Thinking and Writing</td>
<td>3</td>
<td>REL 1310</td>
<td>Christian Scriptures</td>
<td>3</td>
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<tr>
<td>MATH 2413</td>
<td>MATH 1321</td>
<td>Calculus I (if eligible)</td>
<td>3</td>
<td>MATH 2414</td>
<td>MATH 1322</td>
<td>Calculus II</td>
<td>3</td>
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<tr>
<td>See Reverse</td>
<td>See Reverse</td>
<td>Foreign Language</td>
<td>4</td>
<td>See Reverse</td>
<td>Foreign Language</td>
<td>4</td>
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<tr>
<td>CHEM 1411</td>
<td>CHE 1301-1101</td>
<td>Basic Principles of Modern Chemistry I with Lab</td>
<td>4</td>
<td>CHEM 1412</td>
<td>CHE 1302-1102</td>
<td>Basic Principles of Modern Chemistry II with Lab</td>
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### Sophomore Year

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<th>Tarrant County</th>
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<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>MATH 2315</td>
<td>Calculus III</td>
<td>3</td>
<td>ENGL 2322</td>
<td>British Literature</td>
<td>3</td>
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<td>General Physics I</td>
<td>4</td>
<td>PHY 1430</td>
<td>General Physics II</td>
<td>4</td>
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<tr>
<td>CHEM 2423</td>
<td>CHE 3331**</td>
<td>Organic Chemistry I</td>
<td>3</td>
<td>CHE 3238</td>
<td>Organic Chemistry Lab</td>
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<tr>
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<td>See Reverse</td>
<td>Lifet ime Fitness</td>
<td>1</td>
<td>CHE 3332</td>
<td>Organic Chemistry II</td>
<td>3</td>
<td></td>
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<tr>
<td>CHEM 2423</td>
<td>CHE 4321</td>
<td>Physical Chemistry I</td>
<td>3</td>
<td>CHE 4000 level Lecture</td>
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<td>CHE 4127</td>
<td>CHE 4127</td>
<td>Physical Chemistry Lab I</td>
<td>1</td>
<td>CHE 4000 level Lab</td>
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### Junior Year

<table>
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<tr>
<th>Tarrant County</th>
<th>BU</th>
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<th>Tarrant County</th>
<th>BU</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>See Reverse</td>
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<td>Social Science</td>
<td>3</td>
<td>REL 1350</td>
<td>Christian Heritage</td>
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<tr>
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<td>See Reverse</td>
<td>History</td>
<td>3</td>
<td>ENG 3300</td>
<td>Technical Writing</td>
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<td>Lab Science - Area I</td>
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<td>Fine Art</td>
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<td>See Reverse</td>
<td>Lifetime Fitness</td>
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<td>History</td>
<td>3</td>
<td></td>
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<tr>
<td>CHEM 4321</td>
<td>CHEM 4321</td>
<td>Physical Chemistry I</td>
<td>3</td>
<td>CHEM 4000 level Lecture</td>
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<tr>
<td>CHEM 4151</td>
<td>CHEM 4151</td>
<td>Undergraduate Seminar I</td>
<td>1</td>
<td>CHEM 4001</td>
<td>Exit Examination</td>
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### Senior Year

<table>
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<th>BU</th>
<th>Title</th>
<th>Hours</th>
<th>Tarrant County</th>
<th>BU</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>CHEM 4232, 2328 or 2332, 2333</td>
<td>CHEM 2404 or 2306</td>
<td>American or World Literature</td>
<td>3</td>
<td>See Reverse</td>
<td>PSC 2302</td>
<td>American Constitutional Development</td>
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<tr>
<td>See Reverse</td>
<td>See Reverse</td>
<td>Fine Art</td>
<td>3</td>
<td>See Reverse</td>
<td>Social Science</td>
<td>3</td>
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</tr>
<tr>
<td>See Reverse</td>
<td>See Reverse</td>
<td>Social Science</td>
<td>3</td>
<td>Advanced Elective</td>
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<tr>
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<td>3</td>
<td>Advanced Elective</td>
<td>3</td>
<td></td>
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</tbody>
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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.

**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.
### Tarrant County Course

**English:**
- ENG 1301
- ENG 1302
- Thinking and Writing

**Arts:**
- ART 1301
- ART 1302
- History of Art

**Social Sciences:**
- HIST 1301
- HIST 1302
- History of the U.S. since 1877

**Political Science:**
- GOVT 2305
- PSC 2306
- American Constitutional Development

**Languages:**
- Korean (KOR)
- Japanese (JPN)
- Russian (RUS)
- Spanish (SPA)
- Swahili (SWA)

### Baylor Course

**English:**
- ENG 1301
- ENG 1302
- Thinking and Writing

**Arts:**
- ART 1301
- ART 1302
- History of Art

**Social Sciences:**
- HIST 1301
- HIST 1302
- History of the U.S. since 1877

**Political Science:**
- GOVT 2305
- PSC 2306
- American Constitutional Development

Note: Both GOVT 2305 and 2306 must be completed 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.

### Baylor Title

**English:**
- American Literature
- World Literature

**Arts:**
- Introduction to Art
- History of Art

**Social Sciences:**
- History of the U.S. since 1877
- History of the U.S. to 1877

**Political Science:**
- American Constitutional Development

*Note: Both GOVT 2305 and 2306 must be completed 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.

### Tarrant County Course

**Labor Science:**
- One course from each area:
  - Exploring the Living World
  - Exploring the Living World

**Fine Arts:**
- Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
  - Art History
  - History of Art
  - American Popular Music

**Languages:**
- Four activity courses are required

### Baylor Course

**Labor Science:**
- One course from each area:
  - Exploring the Living World
- Exploring the Living World

**Fine Arts:**
- Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
  - Art History
  - History of Art
  - American Popular Music

**Languages:**
- Four activity courses are required

### Baylor Title

**Labor Science:**
- Exploring the Living World
  - Exploring the Living World

**Fine Arts:**
- Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
  - Art History
  - History of Art
  - American Popular Music

**Languages:**
- Four activity courses are required

### 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.

### Mathematics

**Labor Science:**
- Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
  - Art History
  - History of Art
  - American Popular Music

**Languages:**
- Four activity courses are required

### Baylor Title

**Labor Science:**
- Exploring the Living World
  - Exploring the Living World

**Fine Arts:**
- Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
  - Art History
  - History of Art
  - American Popular Music

**Languages:**
- Four activity courses are required

### Baylor Title

**Labor Science:**
- Exploring the Living World
  - Exploring the Living World

**Fine Arts:**
- Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
  - Art History
  - History of Art
  - American Popular Music

**Languages:**
- Four activity courses are required

### Political Science

**Labor Science:**
- Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
  - Art History
  - History of Art
  - American Popular Music

**Languages:**
- Four activity courses are required

**Note:** Both GOVT 2305 and 2306 must be completed 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.

### Baylor Title

**Labor Science:**
- Exploring the Living World
  - Exploring the Living World

**Fine Arts:**
- Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
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  - History of Art
  - American Popular Music

**Languages:**
- Four activity courses are required

### Baylor Title

**Labor Science:**
- Exploring the Living World
  - Exploring the Living World

**Fine Arts:**
- Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
  - Art History
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**Languages:**
- Four activity courses are required

### Lifetime Fitness

Four activity courses are required.

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