Texas Lutheran University Degree Plan
Bachelor of Arts in Chemistry

Student Name: ____________________________  ID#: _________________________
Prospective Graduation Date: _____________  Catalog Year: _____________

### General Education

<table>
<thead>
<tr>
<th>Take the following Foundation requirements (15 hrs):</th>
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<tr>
<td>Basic Quantitative Literacy</td>
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<tr>
<td>√ MATH130 College Math or higher</td>
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<tr>
<td>Critical Reading</td>
</tr>
<tr>
<td>FREX134 Exploring the Arts &amp; Sciences</td>
</tr>
<tr>
<td>Engaging Faith Traditions</td>
</tr>
<tr>
<td>THEO133 Intro to Theology</td>
</tr>
<tr>
<td>Modern Language</td>
</tr>
<tr>
<td>Foreign language at 131 level or higher*</td>
</tr>
<tr>
<td>Written Communication</td>
</tr>
<tr>
<td>COMP131 Composition I</td>
</tr>
<tr>
<td>COMP132 Composition II</td>
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</tbody>
</table>

* The language requirement can also be met by a study abroad program lasting 4 weeks.

### Chemistry (38 hrs)

- CHEM 143 General Chemistry I
- CHEM 144 General Chemistry II
- CHEM 248 Organic Chemistry I
- CHEM 332 Intermediate Inorganic Chemistry
- CHEM 341 Analytical Chemistry
- CHEM 344 Physical Chemistry I
- CHEM 434 Biochemical Principles

10 hrs from the following In-Depth field:
- CHEM 122 Intro to Research Methods
- CHEM 249 Organic Chemistry II
- CHEM 342 Instrumental Techniques
- CHEM 345 Physical Chemistry II
- CHEM 379 Special Topics
- CHEM 414 Physiology/Biochemistry Lab
- CHEM 435 Medicinal Chemistry
- CHEM 436 Environmental Chemistry
- CHEM 437 Metabolic Biochemistry

2 hrs of Senior Seminar:
- CHEM 411 Senior Seminar I
- CHEM 412 Senior Seminar II

### Supporting coursework (28 hrs)

- PHYS Elective
- PHYS Elective
- MATH 241 Calculus I
- MATH 242 Calculus II

12 hrs (9 hrs at 200-level or higher) from math (not MATH 375-376), physics, computer science, STAT 374 or BIOL 341, BIOL 414, BIOL 431, BIOL 432 or BIOL 444

### Distribution requirements (24 hrs):

- Arts 6 hrs
- Humanities 12 hrs (no more than 2 courses/discipline)
- Natural Sciences & Math 6 hrs (1 crs w/lab)
  - √ CHEM 143 General Chemistry I
  - √ PHYS Elective
- Social Sciences 6 hrs

### Competencies

<table>
<thead>
<tr>
<th>Complete the following Competencies:</th>
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<tr>
<td>3 Critical Thinking Courses (T)</td>
</tr>
<tr>
<td>3 Engaged Citizenship Courses (Z)</td>
</tr>
<tr>
<td>2 Communication Courses (C)</td>
</tr>
<tr>
<td>1 Ethics Course (E)</td>
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</tbody>
</table>

### Electives or minor to total 124 hrs

### Reflective Modules (3)

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**IMPORTANT:** An overall GPA of 2.0 and a major/minor GPA of 2.0 is required for graduation. All degrees require a minimum of 124 hours. It is the responsibility of the student to fulfill all degree requirements.

Student: ____________________________  Advisor: ____________________________  Dept Chair: ____________________________
Registrar: _________________________  Date: _________________________