



Texas Lutheran University Degree Plan

Bachelor of Arts in Chemistry

Student Name: _____ ID#: _____

Prospective Graduation Date: _____ Catalog Year: 2024-25

| General Education | |
|---|--|
| Take the following Foundation requirements (15 hrs): | |
| Basic Quantitative Literacy | |
| √ | MATH130 College Math or higher |
| Critical Reading | |
| | FREX134 Exploring the Arts & Sciences |
| Engaging Faith Traditions | |
| | THEO133 Intro to Theology |
| Modern Language | |
| | Foreign language at 131 level or higher* |
| Written Communication | |
| | COMP131 Composition I |
| | COMP132 Composition II |

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

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| Take the following Distribution requirements (24 hrs): | |
| Arts 6 hrs | |
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| Humanities 12 hrs (no more than 2 courses/discipline) | |
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| Natural Sciences & Math 6 hrs (1 crs w/lab) | |
| √ | CHEM 143 General Chemistry I |
| √ | PHYS Elective |
| Social Sciences 6 hrs | |
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| Complete the following Competencies : | | | |
| 3 Critical Thinking Courses (T) | | | |
| 3 Engaged Citizenship Courses (Z) | | | |
| 2 Communication Courses (C) | | | |
| 1 Ethics Course (E) | | | |

| Reflective Modules (2) | |
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| Chemistry (38 hrs) | |
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| | 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 | |
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| Electives or minor to total 124 hrs | | | |
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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: _____