



Texas Lutheran University Degree Plan

Bachelor of Science in Chemistry

Student Name: _____ ID#: _____

Prospective Graduation Date: _____ Catalog Year: 2023-24

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.

Take the following 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	

Complete the following Competencies :			
3 Critical Thinking Courses (T)			
3 Engaged Citizenship Courses (Z)			
2 Communication Courses (C)			
1 Ethics Course (E)			

Reflective Modules (3)	

Chemistry (46 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
15 hrs from the following In-Depth field: CHEM 122, 249, 342, 345, 379, 414, 435, 436, 437	
3 hrs from the following research courses: CHEM 310, 320, 330, 410, 420, 430	
2 hrs of Senior Seminar:	
	CHEM 411 Senior Seminar I
	CHEM 412 Senior Seminar II

Supporting coursework (28 hrs)	
	PHYS Elective
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	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, PHIL 232, STAT 374, BIOL 245, BIOL 246, BIOL 331, BIOL 414, BIOL 431, and either BIOL 432 or BIOL 433	

Electives or minor to total 124 hrs			

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: _____