Texas Lutheran University Undergraduate Degree Plan

Bachelor of Science : Chemistry

Student Name: _____ **ID#:** _____

Prospective Graduation Date: _____ **Catalog Year:** 2024-2025

General Education			
Note	**CrHr**	**Course Title**	**Competency**
18	**hrs**	**Foundation requirements:**	
Basic Quantitative Literacy			
	3	MATH130 College Math or higher	
Critical Reading			
	3	FREX 134	
Engaging Faith Traditions			
	3	THEO 133	
Modern Language*			
	3	Foreign language at 131 level or higher	Z
Written Communication			
	3	COMP 131	
	3	COMP 132	
*Can be met by a study abroad program lasting 4+ weeks			
24	**hrs**	**Distribution requirements:**	
	6	**Arts**	
	3		
	3		
	12	**Humanities (Max 2 courses/discipline)**	
	3		
	3		
	3		
	3		
	6	**Natural Sciences & Math (1 crs w/lab)**	
	0	CHEM 143	
	0	PHYS Elective	
	6	**Social Sciences**	
	3		
	3		

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

Reflective Modules (2)	

116	**Total Hours – 124 Hours Needed**

Student: _____

Advisor: _____

Dept Chair: _____

Registrar: _____

Date: _____

46	**hrs**	Chemistry	
Note	**CrHr**	**Course Title**	**Competency**
	4	CHEM 143 General Chemistry I	T
	4	CHEM 144 General Chemistry II	
	4	CHEM 248 Organic Chemistry I	
	3	CHEM 332 Intermed Inorganic Chem	
	4	CHEM 341 Analytical Chemistry	
	4	CHEM 344 Physical Chemistry I	
	3	CHEM 434 Biochemical Principles	
	3	CHEM 122,249,342,345,379,414,435,436	
	3	CHEM 122,249,342,345,379,414,435,436	
	3	CHEM 122,249,342,345,379,414,435,436	
	3	CHEM 122,249,342,345,379,414,435,436	
	3	CHEM 122,249,342,345,379,414,435,436	
	3	CHEM 310, 320, 330, 410, 420, 430	
	1	CHEM 411 Senior Seminar I	
	1	CHEM 412 Senior Seminar II	
0	**hrs**	**Specialization**	
28	**hrs**	**Supporting Coursework**	
	4	PHYS Elective	
	4	PHYS Elective	
	4	MATH 241 Calculus I	T
	4	MATH 242 Calculus II	
	12	(9 hrs at 200-level or higher) from math	
		(not MATH 375-376), PHYS, CSCI,	
		STAT 374; BIOL 341, 414, 431, 432, 444	
0	**hrs**	**Electives / Minor**	

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