Texas Lutheran University Degree Plan
Bachelor of Science in Biochemistry

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

Prospective Graduation Date: _____   **Catalog Year:**   2022-23

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 course/discipline)	
Natural Sciences & Math 6 hrs (1 crs w/lab)	
√	*BIOL 143 Biological Systems I*
√	*CHEM 143 General Chemistry I*
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)			

Major Coursework (57 hrs)	
	BIOL 143 Biological Systems I
	BIOL 144 Biological Systems II
	BIOL 242 Microbiology
	BIOL 331 Genetics
	BIOL 433 Molecular Biology
	CHEM 143 General Chemistry I
	CHEM 144 General Chemistry II
	CHEM 248 Organic Chemistry I
	CHEM 249 Organic Chemistry II
	CHEM 341 Analytical Chemistry
	CHEM 344 Physical Chemistry I
	CHEM 434 Biochemical Principles
	CHEM 437 Biochemistry
	CHEM 411 Senior Seminar I
	CHEM 412 Senior Seminar II
	CHEM 414 Biochemistry Lab
Select 6 hours from:	
CHEM 332, 342, 345, 379, 432, 435, BIOL 379, 431, 438	

Supporting Coursework (15 hrs)	
	MATH 241 Calculus I
	STAT 374 Statistics
8 hrs of Physics (PHYS 141-142 or 240-241)	
	PHYS 141 or 240
	PHYS 142 or 241

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: _____