



# Texas Lutheran University Degree Plan

## Bachelor of Science in Biology

Student Name: \_\_\_\_\_ ID#: \_\_\_\_\_  
 Prospective Graduation Date: \_\_\_\_\_ Catalog Year: 2024-25

General Education	
Take the following <b>Foundation</b> requirements (15 hrs):	
Basic Quantitative Literacy	
<input checked="" type="checkbox"/>	MATH130 College Math or higher
Critical Reading	
<input type="checkbox"/>	FREX134 Exploring the Arts & Sciences
Engaging Faith Traditions	
<input type="checkbox"/>	THEO133 Intro to Theology
Modern Language	
<input type="checkbox"/>	Foreign language at 131 level or higher *
Written Communication	
<input type="checkbox"/>	COMP131 Composition I
<input type="checkbox"/>	COMP132 Composition II

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

Take the following <b>Distribution</b> requirements (24 hrs):	
Arts 6 hrs	
Humanities 12 hrs (no more than 2 courses/discipline)	
Natural Sciences & Math 6 hrs (1 crs w/lab)	
<input checked="" type="checkbox"/>	BIOL 143 Biological Systems I
<input checked="" type="checkbox"/>	CHEM 143 General Chemistry I
Social Sciences 6 hrs	

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

Reflective Modules (2)	

Biology-General (43 hrs)	
	BIOL 111 Biodiversity in Central Texas
	BIOL 143 Biological Systems I
	BIOL 144 Biological Systems II
	BIOL 242 Microbiology
	BIOL 331 Genetics
	BIOL 338 Biostatistics
	BIOL 340 Plant Biology
	BIOL 428 Senior Capstone
One course from BIOL 332, 334, 430	
Three courses from organismal biology/ecology: BIOL 333, 336, 337, 431, 473	
Two courses from molecular/cell: BIOL 432, 433, 436, 437, 438, 471	

Supporting coursework (24 hrs)	
	CHEM 143 General Chemistry I
	CHEM 144 or 341 Gen Chem II or Analytical Chem
	CHEM 248 Organic Chem I
	MATH 241 Calculus I
8 hrs of Physics (141-142 or 240-241)	
	PHYS 141 or 240
	PHYS 142 or 241

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: \_\_\_\_\_