Texas Lutheran University Undergraduate Degree Plan

Bachelor of Science : Mathematics

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	T
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			
18	**hrs**	**Distribution requirements:**	
	6	**Arts**	
	3		
	3		
	12	**Humanities (Max 2 courses/discipline)**	
	0	PHIL 232	
	0	COMM 374	
	3		
	3		
	6	**Natural Sciences & Math (1 crs w/lab)**	
	0	PHYS 240	
	0	MATH 241	
	6	**Social Sciences**	
	3		
	3		

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

Reflective Modules (2)	

97	**Total Hours – 124 Hours Needed**

Student: _____

Advisor: _____

Dept Chair: _____

Registrar: _____

Date: _____

39	**hrs**	Mathematics	
Note	**CrHr**	**Course Title**	**Competency**
	3	MATH 234 Intro to Advanced Mathematics	
	4	MATH 241 Calculus I	T
	4	MATH 242 Calculus II	
	3	MATH 331 Elementary Linear Algebra	
	3	MATH 334 Differential Equations	
	3	MATH 335 Intro to Abstract Algebra	
	3	MATH 338 Numerical Methods	
	4	MATH 343 Calculus III	
	3	MATH 432 Real Analysis	
	3	MATH 437 Senior Research & Captsone	
	3	MATH Upper Division	
	3	MATH Upper Division	
0	**hrs**	**Specialization**	
22	**hrs**	**Supporting Coursework**	
	3	COMM 374 Professional Speaking	C
		CSCI 136 C Programming or 248 Object Oriented	
	3	PHIL 232 Logic	
	4	PHYS 240 Intro Physics for Scientists & Engineers	T
	3	STAT 374 Statistics	T
	3	STAT 375 Applied Statistics	
	3	Natural Sciences, EDUC, Social Sciences, or BUSI	
	3	Natural Sciences, EDUC, Social Sciences, or BUSI	
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.