



Texas Lutheran University Degree Plan

Bachelor of Science in Mathematics Pre-Actuarial

Student Name: _____ ID#: _____

Prospective Graduation Date: _____ Catalog Year: 2024-25

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)	
√	COMM 374 Professional Speaking
Natural Sciences & Math 6 hrs (1 crs w/lab)	
√	MATH 241 Calculus 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)			

Reflective Modules (2)	

Mathematics-Pre-Actuarial (39 hrs)	
	MATH 233 Discrete Mathematics
	MATH 234 Intro to Advanced Mathematics
	MATH 241 Calculus I
	MATH 242 Calculus II
	MATH 331 Elementary Linear Algebra
	MATH 334 Differential Equations
	MATH 338 Numerical Methods
	MATH 343 Calculus III
	MATH 433 Mathematical Statistics & Probability
	MATH 437 Senior Research and Capstone
6 additional upper division hrs in mathematics:	
	MATH upper division
	MATH upper division

Supporting Coursework (27-28 hrs)	
	STAT 374 Statistics
	STAT 375 Applied Statistics
	CSCI 136 or 248
	COMM 374 Professional Speaking
15 hrs from: BUSI 231, 232, 339, 373, 377, ECON 237	

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: _____