



# Texas Lutheran University Degree Plan

## Bachelor of Science in Mathematics Pre-Actuarial

Student Name: \_\_\_\_\_ ID#: \_\_\_\_\_

Prospective Graduation Date: \_\_\_\_\_ Catalog Year: 2022-23

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

\* 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)	
√	<i>COMM 374 Professional Speaking</i>
Natural Sciences & Math 6 hrs (1 crs w/lab)	
√	<i>MATH 241 Calculus I</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)			

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

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

Electives or minor to total 124 hrs			

Reflective Modules (3)	

**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: \_\_\_\_\_