



# Texas Lutheran University Degree Plan

## Bachelor of Science in Math: Math/Physics Education 7-12

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

Prospective Graduation Date: \_\_\_\_\_ Catalog Year: 2021-22

General Education	
Take the following <b>Foundation</b> requirements (12 hrs):	
Basic Quantitative Literacy	
√	MATH 241 Calculus I
Critical Reading	
	FREX 134 Exploring the Arts & Sciences
Engaging Faith Traditions	
	THEO 133 Intro to Theology
Modern Language	
√	SPAN XXX First Spanish Language Course
Written Communication	
	COMP 131 Composition I
	COMP 132 Composition II

Take the following <b>Distribution</b> requirements (6 hrs):	
Arts 6hrs	
	Arts Elective
	Arts Elective
Humanities 12 hrs (no more than 2 courses/discipline)	
√	SPAN XXX Second Spanish Language Course
√	COMM 374 Professional Speaking
√	HIST 131 Early North American
√	ENGL 2XX (Lit)
Natural Sciences & Math 6 hrs (1 crs w/lab)	
√	PHYS 240 Intro Physics for Scientists & Engineers
√	MATH 242 Calculus II
Social Sciences 6 hrs	
√	POLS 231 American Politics
√	PSYC 236 Developmental Psychology

Students need 1 course from each <b>Competency</b> :			
3 Critical Thinking Courses (T)			
3 Engaged Citizenship Courses (Z)			
2 Communication Courses (C)			
1 Ethics Course (E)			

Reflective Modules (3)	

Distribution Coursework (44 hrs)	
	ENGL 2XX (Lit)
	HIST 131 Early North American History
	PHYS 240 Intro Physics for Scientists & Engineers I
	PHYS 241 Intro Physics for Scientists & Engineers II
	PHYS 331 Mechanics
	PHYS 332 Electricity & Magnetism
	PHYS 334 Modern Physics
	PHYS 371 Mathematical Methods
	Upper Division PHYS Elective
	SPAN XXX First Spanish Language Course
	SPAN XXX Second Spanish Language Course
	POLS 231 American Politics I
	PSYC 236 Developmental Psychology
	COMM 374 Professional Speaking

Education & Reading Coursework (27 hrs)	
	EDUC 272 Classroom Applications of Technology
	EDUC 332 Learning Processes & Evaluation
	EDUC 334A US Schools
	EDUC 373 Survey of Special Populations
	EDUC 374 Foundations of ESL Education
	EDUC 438 (w/ST) Classroom Management 7-12
	EDUC 461 Student Teaching
	READ 436 (w/ST) Teaching Lit in the Content Areas

Specialization Courses (41 hrs)	
	MATH 233 Discrete Math
	MATH 234 Intro to Advanced Mathematics
	MATH 241 Calculus I
	MATH 242 Calculus II
	MATH 331 Linear Algebra
	MATH 334 Differential Equations
	MATH 337 Geometry
	MATH 343 Calculus III
	MATH 377 STEM by Inquiry Instructional Strategies
	MATH 437 Senior Research
	MATH Upper Division Elective
	STAT 374 Statistics
	STAT 375 or MATH Upper Division Elective

Electives	

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