

Bachelor of Education in Mathematics Education 6-12

2024-2025 Degree Completion Plan

Important:

This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates. As a requirement for completion of this program, including student teaching and passing required licensure tests, the graduate of this program, regardless of state residency, must obtain a VA state teaching license. The VA teaching license may then be used for reciprocity in another state according to the regulations of that state.

GENERAL EDUCATION/ **FOUNDATIONAL SKILLS REQUIREMENTS (39-42 hours)** Hrs Grade Communication & Information Literacy (12 hours)¹ Speech Communication **COMS 101** ENGL 101 Composition & Rhetoric Survey of American History I **HIUS 221** 3 Information Literacy Elective Technological Solutions & Quantitative Reasoning (3-6 hours) UNIV 104 University Core Competencies 0 - 3MATH_ MATH Elective **Critical Thinking (7 hours)** ENGL 201 American Literature I **RLGN 104** Christian Life & Biblical Worldview² Civic & Global Engagement (3 hours) **CSTU 101** Western Culture Social & Scientific Inquiry (6 hours)¹ PSYC 210 Developmental Psychology Natural Science Elective **Christianity & Contexts (8 hours) BIBL** 104 Survey of Old & New Testament Introduction to Theology Survey² **THEO 104 Major Foundational Courses (0-11 hours)** CSIS 110 Introduction to Computer Science³ **MATH 128** Precalculus with Trigonometry³

Course MAJOR		<u>Hrs</u>	<u>Sem</u>	Grade
WIAJUK	Core (75 hours)			
Education Cour.	 ` '			
EDUC 201	Intro. to Education & Classroom Tech.	3		
EDUC 221	Content Area Read & Diff Teach & Learn	3		
EDUC 230	Foundations of Reading & Literacy	3		
EDUC 235	Content Instructional Design	3		
EDUC 350	Behavior & Individual Differences	3		
EDUC 360	Foundations of Education	3		
EDUC 425	Content Measurement & Evaluation	3		
EDUC 435	Content Curriculum Fundamentals	3		
MATH 419	Teaching Math in Secondary Schools	3		
Practicum and C	Gate Courses			
EDGT 175	School of Ed Gate 1 - UG Initial Lic - Dist	0		
EDGT 275	School of Ed Gate 2 – UG Initial Lic – Dist	0		
EDGT 375	School of Ed Gate 3 – UG Initial Lic – Dist	0		
EDUC 188	Practicum in Education I: Distance ⁴	0		
EDUC 288	Practicum in Education II: Distance ⁴	0		
EDUC 388	Practicum in Education III: Distance ⁴	0		
Secondary Cour				
CSIS 111	Introduction to Programming	3		
MATH 131	Calculus & Analytic Geometry I	4		
MATH 132	Calculus & Analytic Geometry II	4		
MATH 200	Introduction to Mathematical Reasoning			
<u>or</u> MATH 250	Introduction to Discrete Mathematics	3		
MATH 211	Introduction to Statistical Analysis			
<u>or</u> MATH 311	Probability & Statistics I	3		
MATH 221	Applied Linear Algebra			
<u>or</u> MATH 410	Matrix & Linear Algebra	3		
MATH 231	Calculus & Analytic Geometry III			
<u>or</u> MATH 430	Multivariable Calculus	4		
MATH 305	Modern Geometry			
<u>or</u> MATH 405	Fundamentals of Modern Geometry	3		
MATH 345	Introduction to History of Mathematics			
<u>or</u> MATH 400	History of Mathematics	3		
MATH 350	Discrete Mathematics	3		
MATH 421	Elementary Abstract Algebra I			
<u>or</u> MATH 423	Abstract Algebraic Structures	3		
Student Teaching		_		
EDST 475	The Reflective Educator: Resource Sem.	3		
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FREE ELECTIVES (0-6 hours)

All applicable prerequisites must be met

All practicum courses should be completed before student teaching, and candidates should not plan to take practicum courses in summer terms.

Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

²Students transferring in 45 or more UG credit hours will have the requirement of RLGN 104 waived; Students transferring in 60 or more UG credit hours will also have the requirement of THEO 104 waived

Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.libertv.edu/gened

Liberty University School of Education Background check is required for all practicums and

student teaching 5Choose one of the following Student Teaching options: EDST 460, 461, 464, 465, 466, or

This course should be taken in the final semester

Graduation Requirements

PHYS 231

- 120 Total Hours3.0 Overall grade point average

University Physics I3

- 30 Hours must be upper-level courses (300-400 level)
- Grade of 'C' Minimum required for all courses in the major
 25% Of major taken through Liberty University
 30 Hours must be completed through Liberty University

 - Grad App Submission of Degree Completion Application must be completed

Revised: 05 22.2024 Effective: Catalog Term 2024-40

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester			Second Semester	
ENGL 101		3	BIBL 104	4
MATH Elective ¹ [MATH 128]		4	COMS 101	3
RLGN 104		4	Information Lit Elective ¹ [CSIS 110]	3
UNIV 104		0-3	EDUC 221	3
EDGT 175		0	MATH 131	4
EDUC 201		<u>3</u>	EDGT 275	0
	Total	14-17	Total	17
		SOPHOM	MORE YEAR	
PSYC 210		3	ENGL 201	3
THEO 104		4	CSIS 111	3
EDUC 188 ²		0	EDUC 350	3
EDUC 235		3	MATH 200 or 250	3
MATH 132		<u>4</u>	MATH 231 or 430	<u>4</u>
	Total	14	Total	16
		JUNIO	DR YEAR	
EDUC 288 ²		0	CSTU 101	3
EDUC 360		3	Natural Science Elective ¹ [PHYS 231]	4
MATH 211 or 311		3	EDUC 425	3
MATH 221 or 410		3	MATH 305 or 405	3
MATH 419		3	MATH 421 or 423	3
Elective		<u>3</u>	Elective	<u>2</u>
	Total	15	Total	17
		SENIO	OR YEAR	
HIUS 221		3	EDST 475	3
EDGT 375		0	Student Teaching Option ^{2,3}	9
EDUC 230		3	Total	12
EDUC 388 ²		0		
EDUC 435		3		
MATH 350		3		
MATH 345 or 400		3		
Elective		<u>3</u>		
	Total	18		

Notes

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1 Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

2 Liberty University School of Education Background check is required for all practicums and student teaching

3 Choose one of the following Student Teaching options: EDST 460, 461, 464, 465, 466, or 467