

## **Bachelor of Education in Mathematics Education 6-12**

2023-2024 Degree Completion Plan

# ONLINE

**Important**:

This degree plan is effective for those starting this degree program in fall 2023 through summer 2024. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates. After completion of the required program coursework (including student teaching) and the passing of licensure tests, the graduate of this program would be eligible for a VA state teaching license.

GENERAL EDUCATION/ FOUNDATIONAL SKILLS REQUIREMENTS (39-42 hours)							
Course		<u>Hrs</u>	Sem	Grade			
Communicat	tion & Information Literacy (12 hours)	$)^1$					
COMS 101	Speech Communication	3					
ENGL 101	Composition & Rhetoric	3					
HIUS 221	Survey of American History I	3	· ·				
	Information Literacy Elective	3					
Technologica	al Solutions & Quantitative Reasoning	(3-6	hours)1				
UNIV 104	University Core Competencies	0-3					
MATH	MATH Elective	3					
Critical Thin	aking (7 hours)						
ENGL 201	American Literature I	3					
RLGN 104	Christian Life & Biblical Worldview <sup>2</sup>	4					
Civic & Glob	oal Engagement (3 hours)						
CSTU 101	Western Culture	3					
Social & Scie	entific Inquiry (6 hours) <sup>1</sup>						
PSYC 210		3					
	Natural Science Elective	3					
Christianity	& Contexts (8 hours)						
BIBL 104	Survey of Old & New Testament	4					
THEO 104	•	4					
Major Found	dational Courses (0-11 hours)						
CSIS 110	Introduction to Computer Science <sup>3</sup>	3					
MATH 128	Elem. Functions & Coordinate Geometry <sup>3</sup>	4					

Course		<u>Hrs</u>	<u>Sem</u>	Grade			
<b>MAJOR</b>							
	Core (72 hours)						
Education Courses							
EDUC 201	Intro. to Education & Classroom Tech.	3					
EDUC 221	Content Area Read & Diff Teach & Learn	3					
EDUC 235	Content Instructional Design	3					
EDUC 350	Behavior & Individual Differences	3					
EDUC 360	Foundations of Education	3		· <u></u>			
EDUC 425	Content Measurement & Evaluation	3					
EDUC 435	Content Curriculum Fundamentals	3					
MATH 419	Teaching Math in Secondary Schools	3					
Practicum and C							
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 <sup>4</sup>	0					
EDUC 288	Practicum in Education II: Distance <sup>4</sup>	0					
EDUC 388	Practicum in Education III: Distance <sup>4</sup>	0					
Secondary Cour	ses						
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	-					
or MATH 250	Introduction to Discrete Mathematics	3					
MATH 211	Introduction to Statistical Analysis	-					
or MATH 311	Probability & Statistics I	3					
MATH 231	Calculus & Analytic Geometry III	5					
or MATH 430	Multivariable Calculus	4					
MATH 305	Modern Geometry	•					
or MATH 405	Fundamentals of Modern Geometry	3					
MATH 321	Linear Algebra	5					
or MATH 410	Matrix & Linear Algebra	3					
MATH 345	Introduction to History of Mathematics	3					
or MATH 400	History of Mathematics	3					
MATH 350	Discrete Mathematics	3					
MATH 421	Elementary Abstract Algebra I	5					
or MATH 423	Abstract Algebraic Structures	3					
Student Teachin		ی					
EDST 475	The Reflective Educator: Resource Sem.	3					
LD31 4/3	4,5	9					

### FREE ELECTIVES (6-9 hours)

#### Notes

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.

<sup>1</sup>Refer to the list of approved general education electives at <a href="www.liberty.edu/gened">www.liberty.edu/gened</a> before enrolling in foundational skills requirements

<sup>2</sup>Students 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

 $^3$ Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at  $\underline{www.liberty.edu/gened}$ 

<sup>4</sup>Liberty University School of Education Background check is required for all practicums and student teaching

<sup>5</sup>Choose one of the following Student Teaching options: EDST 460, 461, 464, 465, 466, or 467

Suggested Course Sequence on second page

### Graduation Requirements

**PHYS 231** 

- 120 Total Hours
- 3.0 Overall grade point average

University Physics I3

- 30 Hours must be upper-level courses (300-400 level)
- Grade of 'C' Minimum required for all upper-level courses in the major and all EDUC and EDSP courses
  - 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 within the last semester of a student's anticipated graduation date

Revised: 04.28.2023 Effective: Catalog Term 2023-40

## SUGGESTED COURSE SEQUENCE

## FRESHMAN YEAR

First Semester		Second Semester	
ENGL 101	3	BIBL 104	4
MATH Elective <sup>1</sup> [MATH 128]	4	COMS 101	3
RLGN 104	4	Information Lit Elective <sup>1</sup> [CSIS 110]	3
UNIV 104	0-3	EDUC 221	3
EDGT 175	0	MATH 131	4
EDUC 201	<u>3</u>	EDGT 275	0
7	Γotal 14-17	Total	17
	SOPHON	MORE YEAR	
PSYC 210	3	ENGL 201	3
THEO 104	4	CSIS 111	3
EDUC 188 <sup>2</sup>	0	EDUC 350	3
EDUC 235	3	MATH 200 or 250	3
MATH 132	<u>4</u>	MATH 231 or 430	<u>4</u>
7	Γotal 14	Total	16
	JUNIO	OR YEAR	
EDUC 288 <sup>2</sup>	0	CSTU 101	3
EDUC 360	3	Natural Science Elective <sup>1</sup> [PHYS 231]	4
MATH 211 or 311	3	EDUC 425	3
MATH 321 or 410	3	MATH 305 or 405	3
MATH 419	3	MATH 421 or 423	3
Elective	<u>3</u>	Elective	<u>2</u>
7	Γotal 15	Total	17
	SENIC	OR YEAR	
HIUS 221	3	EDST 475	3
EDGT 375	0	Student Teaching Option <sup>2,3</sup>	<u>9</u>
EDUC 388 <sup>2</sup>	0	Total	12
EDUC 435	3		
MATH 350	3		
MATH 345 or 400	3		
Elective	<u>3</u>		
J	Γotal 15		

### Notes

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

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