LIBERTY UNIVERSITY. ONLINE

Bachelor of Education in Mathematics Education 6-12
2021-2022 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2021 through summer 2022. 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		Hrs	Sem	Grade
Communication & 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		
Technological Solutions & Quantitative Reasoning (3-6 hours)[1]				
UNIV 104	University Core Competencies	0-3		
MATH ____	MATH Elective	3		
Critical Thinking (7 hours)				
ENGL 201	American Literature I	3		
RLGN 104	Christian Life & Biblical Worldview[2]	4		
Civic & Global Engagement (3 hours)				
CSTU 101	Western Culture	3		
Social & Scientific Inquiry (6 hours)[1]				
PSYC 210	Developmental Psychology	3		
_____	Natural Science Elective	3		
Christianity & Contexts (8 hours)				
BIBL 104	Survey of Old & New Testament	4		
THEO 104	Introduction to Theology Survey[2]	4		
Major Foundational Courses (0-11 hours)				
CSIS 110	Introduction to Computing Sciences[3]	3		
MATH 128	Elem. Functions & Coordinate Geometry[3]	4		
PHYS 231	University Physics I[3]	4		

Course		Hrs	Sem	Grade
MAJOR				
	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		
EDUC 425	Content Measurement & Evaluation	3		
EDUC 435	Content Curriculum Fundamentals	3		
MATH 419	Teaching Math in Secondary Schools	3		
Practicum and 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 Courses				
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			
or MATH 430	Multivariable Calculus	4		
MATH 305	Modern Geometry			
or MATH 405	Fundamentals of Modern Geometry	3		
MATH 321	Linear Algebra			
or MATH 410	Matrix & Linear Algebra	3		
MATH 345	Introduction to History of Mathematics			
or MATH 400	History of Mathematics	3		
MATH 350	Discrete Mathematics	3		
MATH 421	Elementary Abstract Algebra I			
or MATH 423	Abstract Algebraic Structures	3		
Student Teaching				
EDST 475	The Reflective Educator: Resource Sem.	3		
EDST 480	Student Teaching: Distance[4]			
or EDST 481	Student Teaching: Local[4]	9		

FREE ELECTIVES (6-9 hours)

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Graduation Requirements
- **120** Total Hours
- **3.0** Overall grade point average
- **30** Hours must be upper-level courses (300-400 level)
- **Grade of 'C'** Minimum required for all upper-level 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 within the last semester of a student's anticipated graduation date

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	3	EDGT 275	0
	Total 14-17		Total 17

SOPHOMORE 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	4	MATH 231 or 430	4
	Total 14		Total 16

JUNIOR 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 321 or 410	3	MATH 305 or 405	3
MATH 419	3	MATH 421 or 423	3
Elective	3	Elective	2
	Total 15		Total 17

SENIOR YEAR

HIUS 221	3	EDST 475	3
EDGT 375	0	EDST 480 or 481[2]	9
EDUC 388[2]	0		Total 12
EDUC 435	3		
MATH 350	3		
MATH 345 or 400	3		
Elective	3		
	Total 15		

Notes
All applicable prerequisites must be met
[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