

LIBERTY

UNIVERSITY.

ONLINE

Bachelor of Education in Mathematics Education 6-12

2020-2021 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2020 through summer 2021. 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)¹			
ENGL 201	American Literature I	3	_____
RLGN 104	Christian Life & Biblical Worldview ²	4	_____
Civic & Global Engagement (3 hours)¹			
CSTU 101	Western Culture	3	_____
Social & Scientific Inquiry (6 hours)¹			
PSYC 210	Developmental Psychology	3	_____
_____	Natural Science Elective	3	_____
Christianity & Contexts (8 hours)¹			
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)			
<i>Education Courses</i>			
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	_____
EDUC 419	Content Teaching Methods	3	_____
or MATH 419	Teaching Math in Secondary Schools	3	_____
<i>Practicum and Gate Courses</i>			
EDUC 175	School of Educ Gate 1 – UG Initial Licensure	0	_____
EDUC 275	School of Educ Gate 2 – UG Initial Licensure	0	_____
EDUC 375	School of Educ Gate 3 – UG Initial Licensure	0	_____
EDUC 188	Practicum in Education I: External	0	_____
EDUC 288	Practicum in Education II: External	0	_____
EDUC 388	Practicum in Education III: External	0	_____
<i>Secondary Courses</i>			
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	3	_____
or MATH 250	Introduction to Discrete Mathematics	3	_____
MATH 211	Introduction to Statistical Analysis	3	_____
or MATH 311	Probability & Statistics I	3	_____
MATH 231	Calculus & Analytic Geometry III	4	_____
or MATH 430	Multivariable Calculus	4	_____
MATH 305	Modern Geometry	3	_____
or MATH 405	Fundamentals of Modern Geometry	3	_____
MATH 321	Linear Algebra	3	_____
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	3	_____
or MATH 423	Abstract Algebraic Structures	3	_____
<i>Student Teaching</i>			
EDST 475	The Reflective Educator: Resource Sem.	3	_____
EDST 480	Student Teaching: External	9	_____
or EDST 481	Student Teaching: Local	9	_____

FREE ELECTIVES (6-9 hours)

Course	Hrs	Sem	Grade
_____	_____	_____	_____
_____	_____	_____	_____

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

Notes

All applicable prerequisites must be met

¹Refer 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

³Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened
Suggested Course Sequence on second page

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

<u>First Semester</u>		<u>Second Semester</u>	
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
EDUC 175	0	MATH 131	4
EDUC 201	<u>3</u>	EDUC 275	<u>0</u>
Total	14-17	Total	17

SOPHOMORE YEAR

PSYC 210	3	ENGL 201	3
THEO 104	4	CSIS 111	3
EDUC 188	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

JUNIOR YEAR

EDUC 288	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
EDUC 419 or MATH 419	3	MATH 421 or 423	3
Elective	<u>3</u>	Elective	<u>2</u>
Total	15	Total	17

SENIOR YEAR

HIUS 221	3	EDST 475	3
EDUC 375	0	EDST 480 or 481	<u>9</u>
EDUC 388	0	Total	12
EDUC 435	3		
MATH 350	3		
MATH 345 or 400	3		
Elective	<u>3</u>		
Total	15		

Notes

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