

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 (44-47 hours) Hrs Communication & Information Literacy (13 hours)¹ **COMS 101** Speech Communication Composition & Rhetoric ENGL 101 Survey of American History I **HIUS 221 INOR 101** Inquiry 101 Information Literacy Elective Technological Solutions & Quantitative Reasoning (4-7 hours)¹ Foundational Skills **UNIV 101** MATH_ MATH Elective 0-3 Technology Competency² Critical Thinking (8 hours)¹ ENGL 201 American Literature I **RLGN 105** Intr Bwvw/Contemp Moral Issues³ RSCH 201 Research 201 Civic & Global Engagement (5 hours)¹ **CSTU 101** Western Culture **EVAN 101** Evangelism & Christian Life3 Social & Scientific Inquiry (6 hours)¹ PSYC 210 Developmental Psychology Natural Science Elective Christianity & Contexts (8 hours)¹ **BIBL 105** Old Testament Survey **BIBL** 110 New Testament Survey **THEO 201** Theology Survey I3 **THEO 202** Theology Survey II³ **Major Foundational Courses (0-11 hours)** Introduction to Computing Sciences⁴ **CSIS 110 MATH 128** Elem. Functions & Coordinate Geometry4

Course		<u>Hrs</u>	Sem	Grade
MAJOR				
	Core (72 hours)			
Education Cour	rses			
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			
or MATH 419	Teaching Math in Secondary Schools	3		
Practicum and	,			-
EDUC 175	School of Educ Gate 1 – UG Initial Licen	0		
EDUC 275	School of Educ Gate 2 – UG Initial Licen	0		
EDUC 375	School of Educ Gate 3 – UG Initial Licen	0		-
EDUC 189	Practicum in Education I: Local	0		
EDUC 289	Practicum in Education II: Local	0		
EDUC 389	Practicum in Education III: Local	0		
Secondary Cou		-		
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	3		-
or MATH 311	Probability & Statistics I	3		
MATH 231	Calculus & Analytic Geometry III	3		
or MATH 430	Multivariable Calculus	4		
MATH 305	Modern Geometry	7		-
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	•	3		
<u>or</u> MA1H 423 PHYS 231L	Abstract Algebraic Structures University of Physics Lab	0		
		U		
Student Teachin	· ·	2		
EDST 475	The Reflective Educator: Resource Sem.	3		-
EDST 480 <u>or</u> EDST 481	Student Teaching: External	0		
	Student Teaching: Local	9		

Graduation Requirements

PHYS 231

120 Total Hours

3.0 Overall grade point average

University Physics I4

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

CSER All requirements must be satisfied before a degree will be awarded

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

All students must pass the Computer Assessment OR complete applicable INFT course refer to www.liberty.edu/computerassessment for more information

3Students transferring in 45 or more UG credit hours will have the requirements of RLGN 105 and EVAN 101 waived; Students transferring in 60 or more UG credit hours will also have the requirements of THEO 201 and THEO 202 waived

⁴Courses 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

Revised: 11.11.2020 Effective: Catalog Term 2020-40

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester		
BIBL 105	2	BIBL 110		2
ENGL 101	3	COMS 101		3
INQR 101 1		Info Literacy Elective ¹ [CSIS 110]		
MATH Elective ¹ [MATH 128]	3	RLGN 105		2
Technology Competency ²	0-3	EDUC 221		3
UNIV 101	1	EDUC 275		0
EDUC 175	0	MATH 131		4
EDUC 201	3	CSER		0
CSER	0		Total	17
To	otal 13-16			
	SOPHOM	ORE YEAR		
EVAN 101	2	ENGL 201		3
PSYC 210	3	THEO 202		2
RSCH 201	3	CSIS 111		3
THEO 201	2	EDUC 350		3
EDUC 189	0	MATH 200 or 250		3
EDUC 235	3	MATH 231 or 430		4
MATH 132	4	CSER		0
CSER	<u>0</u>	OSER	Total	18
	otal 17			
	JUNIO	OR YEAR		
Natural Science Elective ¹ [PHYS 23	311 3	CSTU 101		3
PHYS 231L	0	EDUC 425		3
EDUC 289	0	MATH 250		3
EDUC 360	3	MATH 305 or 405		3
MATH 211 or 311	3	MATH 421 or 423		3
MATH 321 or 410	3	CSER		0
EDUC 419 or MATH 419	3		Total	15
CSER	<u>0</u>			
	otal 15			
	SENIO	OR YEAR		
HIUS 221	3	EDST 475		3
EDUC 375	0	EDST 480 or 481		9
EDUC 389	0	CSER		0
EDUC 435	3		Total	12
MATH 350	3			
MATH 345 or 400	3			
Free Elective	0-1			
CSER	<u>0</u>			
To	otal 12-13			

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