ELEMENTARY EDUCATION (B.ED.) - MIDDLE GRADES SCIENCE - ONLINE

Important: This degree plan is effective for those starting this degree program in fall 2025 through summer 2026. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

General Education/Foundational Skills Requirements

Code	Title	Hours
Communication	a & Information Literacy	
COMS 101	Speech Communication	3
ENGL 101	Composition and Rhetoric	3
ENGL 102	Composition and Literature	3
HIUS 221	Survey of American History I	3
Technological S	Solutions & Quantitative Reasoning	
MATH 117	Elements of Mathematics	3
UNIV 104	Instructional Technology for Successful Online Learning	0-3
Critical Thinking	g	
ENGL 201	American Literature I	3
RLGN 104	Christian Life and Biblical Worldview ¹	4
Civic & Global E	ngagement	
CSTU 101	Western Culture	3
Social & Scient	ific Inquiry	
PHYS 101	Elements of Physics	3
PSYC 210	Developmental Psychology	3
Christianity & Contexts		
BIBL 104	Survey of Old and New Testament	4
THEO 104	Introduction to Theology Survey ¹	4
Total Hours		39-42

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

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.

Major Requirements

Code	Title	Hours
Major Foundation	nal Courses	
BIOL 101	Principles of Biology	3
BIOL 103	Principles of Biology Laboratory	1
GEOG 200	Introduction to Geography	3
GOVT 200	Constitutional Government and Free Enterprise	3
HIEU 202	History of Western Civilization II	3

MATH 121College Algebra3MATH 217Elementary Geometry3PHSC 210Elements of Earth Science3PHYS 103Elements of Physics Lab1Total HoursZ3CodeTitleHoursMajor CoreEDUC 201Introduction to Education and Classroom3EDUC 201Introduction to Education and Classroom3EDUC 205Instructional Design for Elementary & Middle3EDUC 315Instructional Approaches to Literature for Children3EDUC 315Instructional Approaches to Literature for Children3EDUC 319Teaching Reading to Diverse Learners3EDUC 322Teaching Reading to Diverse Learners3EDUC 323Teaching Reading to Middle School Social Science3EDUC 324Teaching Elementary and Middle School Social Science3EDUC 325Foundations of Education3EDUC 324Teaching Elementary and Middle School Science3EDUC 325Foundations of Education3EDUC 326Foundations of Education3EDUC 327Teaching Elementary and Middle School Science3EDUC 328Foundations of Education3EDUC 350Behavior and Individual Differences3EDUC 315Diagnostic Measurement and Evaluation3HUUS 390History of Virginia3Practicum and Gate Courses0EDGT 175School of Education Gate 1 - UG Initial Licensure - Distance0EDGT	Code	Title	Hours
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EDST 461Student Teaching - One Placement - LocalEDST 462Student Teaching - Two Placement - DistanceEDST 463Student Teaching - Two Placement - LocalEDST 464Student Teaching - Own Classroom - DistanceEDST 465Student Teaching - Own Classroom - LocalEDST 466Student Teaching - Multiple Endorsement - OnePlacement - DistanceEDST 467EDST 467Student Teaching - Multiple Endorsement - One			9
EDST 462Student Teaching - Two Placement - DistanceEDST 463Student Teaching - Two Placement - LocalEDST 464Student Teaching - Own Classroom - DistanceEDST 465Student Teaching - Own Classroom - LocalEDST 466Student Teaching - Multiple Endorsement - One Placement - DistanceEDST 467Student Teaching - Multiple Endorsement - One		-	
EDST 463Student Teaching - Two Placement - LocalEDST 464Student Teaching - Own Classroom - DistanceEDST 465Student Teaching - Own Classroom - LocalEDST 466Student Teaching - Multiple Endorsement - One Placement - DistanceEDST 467Student Teaching - Multiple Endorsement - One			
EDST 464Student Teaching - Own Classroom - DistanceEDST 465Student Teaching - Own Classroom - LocalEDST 466Student Teaching - Multiple Endorsement - One Placement - DistanceEDST 467Student Teaching - Multiple Endorsement - One		5	
EDST 465Student Teaching - Own Classroom - LocalEDST 466Student Teaching - Multiple Endorsement - One Placement - DistanceEDST 467Student Teaching - Multiple Endorsement - One		-	
EDST 466Student Teaching - Multiple Endorsement - One Placement - DistanceEDST 467Student Teaching - Multiple Endorsement - One		-	
Placement – DistanceEDST 467Student Teaching - Multiple Endorsement - One			
		Placement – Distance	
	EDST 467		

1

Code	Title	Hours
EDST 468	Student Teaching - Multiple Endorsement - Two Placement - Distance	
EDST 469	Student Teaching - Multiple Endorsement - Two Placement – Local	
Total Hours		54

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

² This course should be taken in the final semester.

Code	Title	Hours
Cognate		
CHEM 105	Elements of General Chemistry ^{1,2}	4
or CHEM 108	Chemistry for Health Science Professionals	
EDUC 412	Middle School Curriculum and Instruction	3
EDUC 488	Practicum in Middle Education: External ³	0
NASC 315	Environmental Science	3-4
or PHSC 311	Oceanography	
PHSC 121	Introduction to Astronomy	3-4
or PHSC 310	Astronomy: An Integrated Approach	
Total Hours		13-15

Total Hours

¹ CHEM 105 is offered in a residential format

2 CHEM 108 is offered in an online format

³ Liberty University School of Education Background check is required for all practicums and student teaching.

Note:

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

All applicable prerequisites must be met

Graduation Requirements

- 129 Total Hours
- 3.0 Overall grade point average
- · 32.25 Hours must be upper-level courses (300-400 level)
- · Grade of 'C' Minimum required for all courses in the major and cognate
- 25% Of major taken through Liberty University
- · 32.25 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

Course Sequence

Course	Title	Hours
First Year		
First Semester		
COMS 101	Speech Communication	3
ENGL 101	Composition and Rhetoric	3
HIEU 202	History of Western Civilization II	3
MATH 117	Elements of Mathematics	3

Course	Title	Hours
UNIV 104	Instructional Technology for Successful Online Learning	0-3
EDGT 175	School of Education Gate 1 – UG Initial Licensure - Distance	0
EDUC 201	Introduction to Education and Classroom Technology	3
	Hours	15-18
Second Semeste	r	
ENGL 102	Composition and Literature	3
MATH 217	Elementary Geometry	3
PHYS 101	Elements of Physics	3
PHYS 103	Elements of Physics Lab	1
RLGN 104	Christian Life and Biblical Worldview	4
EDGT 275	School of Education Gate 2 – UG Initial Licensure - Distance	0
EDUC 350	Behavior and Individual Differences	3
	Hours	17
Second Year		
First Semester		
BIOL 101	Principles of Biology	3
BIOL 103	Principles of Biology Laboratory	1
ENGL 201	American Literature I	3
EDUC 221	Content Area Reading and Differentiated Teaching and Learning	3
PSYC 210	Developmental Psychology	3
PHSC 121 or PHSC 310	Introduction to Astronomy or Astronomy: An Integrated Approach	3-4
	Hours	16-17
Second Semeste	r	
CSTU 101	Western Culture	3
GEOG 200	Introduction to Geography	3
GOVT 200	Constitutional Government and Free Enterprise	3
HIUS 221	Survey of American History I	3
PHSC 210	Elements of Earth Science	3
EDUC 315	Instructional Approaches to Literature for Children and Adolescents	3
	Hours	18
Third Year		
First Semester		
BIBL 104	Survey of Old and New Testament	4
MATH 121	College Algebra	3
CHEM 105 ¹ or CH		4
EDUC 188	Practicum in Education I: Distance ^{3,4}	0
EDUC 318	Teaching Reading to Diverse Learners ⁴	3
EDUC 319	Teaching Writing and Language Arts to Diverse Learners	3
	Hours	17
Second Semeste	r	
THEO 104	Introduction to Theology Survey	4
EDUC 288	Practicum in Education II: Distance ^{3,5}	0

Course	Title	Hours
EDUC 322	Teaching Elementary and Middle School Social Science	3
EDUC 323	Teaching Elementary and Middle School Mathematics ⁵	3
EDUC 324	Teaching Elementary and Middle School Science	3
NASC 315 or PHSC 311	Environmental Science or Oceanography	3-4
	Hours	16-17
Fourth Year		
First Semester		
HIUS 390	History of Virginia	3
EDUC 360	Foundations of Education	3
EDGT 375	School of Education Gate 3 – UG Initial Licensure - Distance	0
EDUC 388	Practicum in Education III: Distance ^{3,6}	0
EDUC 410	Elementary School Curriculum ⁶	3
EDUC 412	Middle School Curriculum and Instruction	3
EDUC 415	Diagnostic Measurement and Evaluation	3
EDUC 488	Practicum in Middle Education: External	0
	Hours	15
Second Semeste	r	
EDST 476	The Reflective Educator. Resource Seminar	3
Student Teaching	9 Option ^{3,7}	9
	Hours	12
	Total Hours	126-131

¹ Offered in Resident Format

² Offered in Online Format

- ³ Liberty University School of Education Background check is required for all practicums and student teaching
- ⁴ EDUC 188 and EDUC 318 are co-requisites, and should not be taken in the summer.
- ⁵ EDUC 288 and EDUC 323 are co-requisites, and should not be taken in the summer.
- ⁶ EDUC 388 and EDUC 410 are co-requisites, and should not be taken in the summer
- ⁷ Choose one of the following Student Teaching options: EDST 460, 461, 462, 463, 464, 465, 466, 467, 468, or 469