

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 & 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 Solutions & Quantitative Reasoning		
MATH 117	Elements of Mathematics	3
UNIV 104	Instructional Technology for Successful Online Learning	0-3
Critical Thinking		
ENGL 201	American Literature I	3
RLGN 104	Christian Life and Biblical Worldview ¹	4
Civic & Global Engagement		
CSTU 101	Western Culture	3
Social & Scientific 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

¹ 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 Foundational 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

Code	Title	Hours
MATH 121	College Algebra	3
MATH 217	Elementary Geometry	3
PHSC 210	Elements of Earth Science	3
PHYS 103	Elements of Physics Lab	1
Total Hours		23

Code	Title	Hours
Major Courses		
<i>Elementary Education Courses</i>		
EDUC 201	Introduction to Education and Classroom Technology	3
EDUC 225	Instructional Design for Elementary & Middle School Classrooms	3
EDUC 230	Foundations of Reading and Literacy	3
EDUC 315	Instructional Approaches to Literature for Children and Adolescents	3
EDUC 318	Teaching Reading to Diverse Learners	3
EDUC 319	Teaching Writing and Language Arts to Diverse Learners	3
EDUC 322	Teaching Elementary and Middle School Social Science	3
EDUC 323	Teaching Elementary and Middle School Mathematics	3
EDUC 324	Teaching Elementary and Middle School Science	3
EDUC 350	Behavior and Individual Differences	3
EDUC 360	Foundations of Education	3
EDUC 410	Elementary School Curriculum	3
EDUC 415	Diagnostic Measurement and Evaluation	3
HIUS 390	History of Virginia	3
<i>Practicum and Gate Courses</i>		
EDGT 175	School of Education Gate 1 – UG Initial Licensure - Distance	0
EDGT 275	School of Education Gate 2 – UG Initial Licensure - Distance	0
EDGT 375	School of Education Gate 3 – UG Initial Licensure - Distance	0
EDUC 188	Practicum in Education I: Distance ¹	0
EDUC 288	Practicum in Education II: Distance ¹	0
EDUC 388	Practicum in Education III: Distance ¹	0
<i>Professional Semester</i>		
EDST 476	The Reflective Educator: Resource Seminar	3
Choose one of the following: ^{1,2}		9
EDST 460	Student Teaching - One Placement – Distance	
EDST 461	Student Teaching - One Placement – Local	
EDST 462	Student Teaching - Two Placement – Distance	
EDST 463	Student Teaching - Two Placement – Local	
EDST 464	Student Teaching - Own Classroom – Distance	
EDST 465	Student Teaching - Own Classroom – Local	
EDST 466	Student Teaching - Multiple Endorsement - One Placement – Distance	
EDST 467	Student Teaching - Multiple Endorsement - One Placement – Local	

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
Middle Grades Science 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

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

Freshman Year

First Semester	Hours	
COMS 101	Speech Communication	3
EDGT 175	School of Education Gate 1 – UG Initial Licensure - Distance	0
EDUC 201	Introduction to Education and Classroom Technology	3
ENGL 101	Composition and Rhetoric	3

HIEU 202	History of Western Civilization II	3
MATH 117	Elements of Mathematics	3
UNIV 104	Instructional Technology for Successful Online Learning	0-3
Hours		15-18

Second Semester

EDGT 275	School of Education Gate 2 – UG Initial Licensure - Distance	0
EDUC 350	Behavior and Individual Differences	3
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
Hours		17

Sophomore Year

First Semester

BIOL 101	Principles of Biology	3
BIOL 103	Principles of Biology Laboratory	1
EDUC 225	Instructional Design for Elementary & Middle School Classrooms	3
ENGL 201	American Literature I	3
PHSC 121	Introduction to Astronomy	3-4
or PHSC 310	or Astronomy: An Integrated Approach	
PSYC 210	Developmental Psychology	3
Hours		16-17

Second Semester

CSTU 101	Western Culture	3
EDUC 315	Instructional Approaches to Literature for Children and Adolescents	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
Hours		18

Junior Year

First Semester

BIBL 104	Survey of Old and New Testament	4
CHEM 105	Elements of General Chemistry ^{1,2}	4
or CHEM 108	or Chemistry for Health Science Professionals	
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
MATH 121	College Algebra	3
Hours		17

Second Semester

EDUC 288	Practicum in Education II: Distance ^{3,5}	0
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
THEO 104	Introduction to Theology Survey	4
Hours		16-17
Senior Year		
First Semester		
EDGT 375	School of Education Gate 3 – UG Initial Licensure - Distance	0
EDUC 230	Foundations of Reading and Literacy	3
EDUC 360	Foundations of Education	3
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
HIUS 390	History of Virginia	3
Hours		18
Second Semester		
EDST 476	The Reflective Educator: Resource Seminar	3
Student Teaching Elective ^{3,7}		9
Hours		12
Total Hours		129-134

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, EDST 461, EDST 462, EDST 463, EDST 464, EDST 465, EDST 466, EDST 467, EDST 468, or EDST 469.