

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

Important: This degree plan is effective for those starting this degree program in fall 2022 through summer 2023. 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 Christian Life and Biblical Worldview (4 c.h.) waived; Students transferring in 60 or more UG credit hours will also have the requirement of THEO 104 Introduction to Theology Survey (4 c.h.) waived

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.

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
HIUS 390	History of Virginia	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		26

Code	Title	Hours
Major Core		
<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 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 350	Behavior and Individual Differences	3
EDUC 360	Foundations of Education	3
EDUC 412	Middle School Curriculum and Instruction	3
EDUC 415	Diagnostic Measurement and Evaluation	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 488	Practicum in Middle Education: External ¹	0
<i>Professional Semester</i>		
EDST 475	The Reflective Educator: Resource Seminar	3
EDST 480	Student Teaching: Distance ¹	9
or EDST 481	Supervised Student Teaching: Local	
Total Hours		39

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

Code	Title	Hours
Cognate		
CHEM 105	Elements of General Chemistry	4
or CHEM 108	Chemistry for Health Science Professionals	
EDUC 322	Teaching Elementary and Middle School Social Science	3
or EDUC 323	Teaching Elementary and Middle School Mathematics	
EDUC 324	Teaching Elementary and Middle School Science	3
NASC 315	Environmental Science	3
or PHSC 311	Oceanography	
PHSC 121	Introduction to Astronomy	3

Code	Title	Hours
or PHSC 310	Astronomy: An Integrated Approach	
Total Hours		16

All applicable prerequisites must be met

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

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