BIOLOGY EDUCATION 6-12 (B.ED.) - RESIDENT

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 [1]		
COMS 101	Speech Communication	3
ENGL 101	Composition and Rhetoric	3
HIUS 221	Survey of American History I	3
Information Literacy Elective		3
Technological Solutions & Quantitative Reasoning [1]		
UNIV 101	Foundational Skills	1
MATH Elective		3
Technology Competency [2]		0-3
Critical Thinking		
ENGL 201	American Literature I	3
RLGN 105	Introduction to Biblical Worldview [3]	2
Civic & Global Engagement		
CSTU 101	Western Culture	3
EVAN 101	Evangelism and the Christian Life [3]	2
Social & Scientific Inquiry [1]		
PSYC 210	Developmental Psychology	3
Natural Science Elective [4]		3
Christianity & Contexts		
BIBL 105	Old Testament Survey	2
BIBL 110	New Testament Survey	2
THEO 201	Theology Survey I [3]	2
THEO 202	Theology Survey II [3]	2
Total Hours		**40-43**

[1] Refer to the list of approved general education electives before enrolling in foundational skills requirements

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

[3] Students 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

[4] CHEM 121 is strongly recommended, as a prerequisite to CHEM 122.

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		
ENGL 102	Composition and Literature [1]	3
MATH 201	Introduction to Probability and Statistics [1]	3
PHYS 101	Elements of Physics [1]	3
Total Hours		**9**

[1] Course may fulfill select general education requirements

Code	Title	Hours
Major Core		
Education Courses		
EDSC 419	Teaching Science Content Methods for the Middle and Secondary School	3
EDUC 201	Introduction to Education and Classroom Technology	3
EDUC 221	Content Area Reading and Differentiated Teaching and Learning	3
EDUC 230	Foundations of Reading and Literacy	3
EDUC 235	Content Instructional Design	3
EDUC 350	Behavior and Individual Differences	3
EDUC 360	Foundations of Education	3
EDUC 425	Content Measurement and Evaluation	3
EDUC 435	Content Curriculum Fundamentals	3
Practicum and Gate Courses		
EDGT 177	School of Education Gate 1 – UG Initial Licensure – Local	0
EDGT 277	School of Education Gate 2 – UG Initial Licensure – Local	0
EDGT 377	School of Education Gate 3 – UG Initial Licensure – Local	0
EDUC 189	Practicum in Education I: Local [1]	0
EDUC 289	Practicum in Education II: Local [1]	0
EDUC 389	Practicum in Education III: Local [1]	0
Secondary Courses		
BCHM 451	Biochemistry I	4
BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 301	Genetics	4
BIOL 303	Microbiology	4
BIOL 310	Ecology	4
BIOL 313 or BIOL 385	Clinical Human Anatomy or Advanced Human Physiology	3
BIOL 317	Botany	4
BIOL 415	Cell Biology	4
CHEM 121	General Chemistry I	4
CHEM 122	General Chemistry II	4
CHEM 301	Organic Chemistry I	4
CRST 290	History of Life	3
Student Teaching		
EDST 475	The Reflective Educator: Resource Seminar	3
Choose one of the following: [1,2]		9

Code	Title	Hours
EDST 460	Student Teaching - One Placement – Distance	
EDST 461	Student Teaching - One 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	
Total Hours		**89**

[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.

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

Course Sequence

Course	Title	Hours
First Year		
First Semester		
BIBL 105	Old Testament Survey	2
INQR 101	Inquiry	1
MATH Elective (MATH 201) [1]		3
Technology Competency [2]		0-3
UNIV 101	Foundational Skills	1
BIOL 224	General Biology I	4
EDGT 177	School of Education Gate 1 – UG Initial Licensure – Local	0
EDUC 201	Introduction to Education and Classroom Technology	3
CSER		0
	Hours	**14-17**
Second Semester		
BIBL 110	New Testament Survey	2
ENGL 101	Composition and Rhetoric	3
Natural Science Elective (PHYS 101) [1]		3

Course	Title	Hours
RLGN 105	Introduction to Biblical Worldview	2
BIOL 225	General Biology II	4
EDGT 277	School of Education Gate 2 – UG Initial Licensure – Local	0
EDUC 221	Content Area Reading and Differentiated Teaching and Learning	3
CSER		0
	Hours	**17**
Second Year		
First Semester		
COMS 101	Speech Communication	3
Information Literacy Elective (ENGL 102) [1]		3
RSCH 201	Research	3
THEO 201	Theology Survey I	2
CHEM 121	General Chemistry I	4
EDUC 350	Behavior and Individual Differences	3
CSER		0
	Hours	**18**
Second Semester		
ENGL 201	American Literature I	3
HIUS 221	Survey of American History I	3
BIOL 301	Genetics	4
CHEM 122	General Chemistry II	4
EDUC 189	Practicum in Education I: Local [3]	0
EDUC 235	Content Instructional Design	3
CSER		0
	Hours	**17**
Third Year		
First Semester		
PSYC 210	Developmental Psychology	3
BIOL 303	Microbiology	4
BIOL 310	Ecology	4
CRST 290	History of Life	3
EDUC 289	Practicum in Education II: Local [3]	0
EDSC 419	Teaching Science Content Methods for the Middle and Secondary School	3
CSER		0
	Hours	**17**
Second Semester		
BIOL 313 or BIOL 385	Clinical Human Anatomy or Advanced Human Physiology	3
BIOL 317	Botany	4
BIOL 415	Cell Biology	4
EDUC 360	Foundations of Education	3
EDUC 425	Content Measurement and Evaluation	3
CSER		0
	Hours	**17**
Fourth Year		
First Semester		
CSTU 101	Western Culture	3
EVAN 101	Evangelism and the Christian Life	2
THEO 202	Theology Survey II	2

Course	Title	Hours
BCHM 451	Biochemistry I	4
CHEM 301	Organic Chemistry I	4
EDGT 377	School of Education Gate 3 – UG Initial Licensure – Local	0
EDUC 389	Practicum in Education III: Local [3]	0
EDUC 435	Content Curriculum Fundamentals	3
CSER		0
	Hours	**18**

Second Semester

Course	Title	Hours
EDST 475	The Reflective Educator: Resource Seminar	3
Student Teaching Option [3,4]		9
CSER		0
	Hours	**12**
	Total Hours	**130-133**

[1] Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

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

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

[4] Choose one of the following Student Teaching options: EDST 460, 461, 464, 465, 466, or 467