# LIBERTY UNIVERSITY.

### **Bachelor of Education in Physics Education 6-12**

2024-2025 Degree Completion Plan

## ONLINE

Important:

This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates. 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.

	<u>EDUCATION/</u> ONAL SKILLS REOUIREMENTS (	(39-42	hours	9
Course		Hrs	Sem	Grade
Communica	tion & Information Literacy (12 hou	rs) <sup>1</sup>		
COMS 101	Speech Communication	3		
ENGL 101	Composition & Rhetoric	3		
	Information Literature Elective	3		
HIUS 221	Survey of American History I	3		
Technologic	al Solutions & Quantitative Reasonir	ng (3-6	6 hours	$(5)^{1}$
	MATH Elective	3		
UNIV 104	Instructional Tech. for Online Learning	0-3		
Critical Thi	nking (7 hours)			
ENGL 201	American Literature I	3		
RLGN 104	Christian Life & Biblical Worldview <sup>2</sup>	4		
Civic & Glo	bal Engagement (3 hours)			
CSTU 101	Western Culture	3		
Social & Sci	entific Inquiry (6 hours) <sup>1</sup>			
	Natural Science Elective	3		
PSYC 210	Developmental Psychology	3		
Christianity	& Contexts (8 hours)			
BIBL 104	Survey of Old & New Testament	4		
THEO 104	Introduction to Theology Survey <sup>2</sup>	4		
Major Foun	dational Courses (0-11 hours)			
ENGL 102	Composition & Literature <sup>3</sup>	3		
MATH 131	Calculus & Analytic Geometry I <sup>3</sup>	4		
PHYS 231	University Physics $I^3$	4		

Course		Hrs	Sem	Grade
MAJOR	Core (76 hours) <sup>4</sup>			
Education Cou	rses			
EDSC 419	Teach Sci Content Meth Mid & Sec School	3		
EDUC 201	Intro. to Education & Classroom Tech.	3		
EDUC 221	Content Area Read & Diff Teach & Learn	3		
EDUC 230	Foundations of Reading & Literacy	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		
Practicum and	Gate Courses			
EDGT 175	School of Ed Gate 1 – UG Initial Lic – Dist	0		
EDGT 275	School of Ed Gate 2 – UG Initial Lic – Dist	0		
EDGT 375	School of Ed Gate 3 – UG Initial Lic – Dist	0		
EDUC 188	Practicum in Education I: Distance <sup>5</sup>	0		
EDUC 388	Practicum in Education III: Distance <sup>5</sup>	0		
EDSC 488	Science Lab Practicum in Schools <sup>5,6</sup>	0		
Secondary Cou	rses			
BIOL 101	Principles of Biology	3		
CHEM 108	Chemistry for Health Science Professionals	4		
MATH 132	Calculus & Analytic Geometry II	4		
MATH 410	Matrix & Linear Algebra	3		
PHYS 232	University Physics II	4		
PHYS 305	Introduction to Modern Physics	3		
PHYS 310	Numerical Methods in Physics	3		
PHYS 321	Mechanics	3		
PHYS 331	Electricity & Magnetism	3		
PHYS 432	Thermodynamics & Statistical Mechanics	3		
PHYS 440	Wave Optics	4		
Student Teachin	ıg			
EDST 475	The Reflective Educator: Resource Sem.	3		
	5,7,8	9		

#### FREE ELECTIVES (0-5 hours)

	Notes
	All applicable prerequisites must be met
	All practicum courses should be completed before student teaching, and candidates should not
	plan to take practicum courses in summer terms.
	<sup>1</sup> Refer to the list of approved general education electives at <u>www.liberty.edu/gened</u> before
	enrolling in foundational skills requirements
	<sup>2</sup> 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
	<sup>3</sup> Courses may also fulfill select General Education Requirements. Please refer to the list of
	approved general education electives at www.liberty.edu/gened
Graduation Requirements	<sup>4</sup> Relevant 300-400 level PHYS courses require successful completion of MATH 430.
120 Total Hours	<sup>5</sup> Liberty University School of Education Background check is required for all practicums and
<b>3.0</b> Overall grade point average	student teaching
<b>30</b> Hours must be upper-level courses (300-400 level)	<sup>6</sup> EDSC 488 is a required practicum course that requires a background check; candidates
Grade of 'C' Minimum required for all courses in the major	should not plan to take this course in summer sessions.
25% Of major taken through Liberty University	<sup>7</sup> Choose one of the following Student Teaching options: EDST 460, 461, 464, 465, 466, or
30 Hours must be completed through Liberty University	467
Grad App Submission of Degree Completion Application must be completed	<sup>8</sup> This course should be taken in the final semester
within the last semester of a student's anticipated graduation date	Suggested Course Sequence on second page

#### SUGGESTED COURSE SEQUENCE\*\*\*

#### FRESHMAN YEAR

	Second Semester		
4	COMS 101	<u> </u>	3
3			3
4	L 1021	3	
0-3			4
0			0
			3
_		Total	16
SOPHOM	ORE YEAR		
3	ENGL 201		3
4			0
3			3
4			3
4			3
_			4
10		Total	16
JUNIO	R YEAR		
3	EDUC 388 <sup>2</sup>		0
0	EDUC 425		3
3	EDUC 435		3
3	PHYS 321		3
			3
	MATH 410		3
_		Total	15
SENIO]	R YEAR		
3	EDST 475		3
4			9
0		Total	12
3			
4			
14			
	4 0-3 0 <u>3</u> 14-17 <b>SOPHOM</b> 3 4 3 4 4 18 <b>JUNIO</b> 3 0 3 3 3 3 15 <b>SENIO</b> 3 4 0	4 Info. Literacy Elective <sup>1</sup> [ENGI   0-3 MATH Elective <sup>1</sup> [MATH 131]   0 EDGT 275   3 PSYC 210   14-17 SOPHOMORE VEAR   3 ENGL 201   4 EDUC 188 <sup>2</sup> 3 EDUC 230   4 EDUC 235   4 EDUC 350   18 PHYS 232   JUNIOR YEAR   3 EDUC 425   3 EDUC 435   3 PHYS 321   3 PHYS 331   2 MATH 410   15 SENIOR YEAR   3 EDST 475   4 Student Teaching Option <sup>2,4</sup>	$\begin{array}{ccccccc} & & & & & & & & & & & & & & & &$

<sup>2</sup>Liberty University School of Education Background check is required for all practicums and student teaching <sup>3</sup>EDSC 488 is a required practicum course that requires a background check; candidates should not plan to take this course in summer sessions. <sup>4</sup>Choose one of the following Student Teaching options: EDST 460, 461, 464, 465, 466, or 467