

Bachelor of Education in Computer Science Education 6-12

2023-2024 Degree Completion Plan

Important:

This degree plan is effective for those starting this degree program in fall 2023 through summer 2024. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates. 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.

GENERAL EDUCATION/ FOUNDATIONAL SKILLS REQUIREMENTS (44-47 hours) Communication & Information Literacy (13 hours)¹ **COMS 101** Speech Communication ENGL 101 Composition & Rhetoric **HIUS 221** Survey of American History I **INQR 101** Inquiry 101 Information Literacy Elective² Technological Solutions & Quantitative Reasoning (4-7 hours)¹ Foundational Skills **UNIV 101** MATH Elective³ 3 MATH _ Technology Competency4 **Critical Thinking (8 hours)** ENGL 201 American Literature I **RLGN 105** Intr Bwvw/Contemp Moral Issues⁵ RSCH 201 Research 201 Civic & Global Engagement (5 hours) CSTU 101 Western Culture **EVAN 101** Evangelism & Christian Life⁵ Social & Scientific Inquiry (6 hours)¹ Developmental Psychology PSYC 210 Natural Science Elective Christianity & Contexts (8 hours) **BIBL 105** Old Testament Survey **BIBL** 110 New Testament Survey **THEO 201** Theology Survey I5 **THEO 202** Theology Survey II⁵

Course		<u>Hrs</u>	Sem	Grade
MAJOR	Core (78 hours)			
Education Cou	rses			
EDUC 201	Intro. to Education & Classroom Tech.	3		
EDUC 221	Content Area Read & Diff Teach & Learn	3		
EDUC 235	Content Instructional Design	3		
EDUC 350	Behavior & Individual Differences	3		
EDUC 360	Foundations of Education	3		
EDUC 419	Content Teaching Methods	3		
EDUC 425	Content Measurement & Evaluation	3		
EDUC 435	Content Curriculum Fundamentals	3		
Practicum and	Gate Courses			
EDGT 177	School of Ed Gate 1 - UG Init. Lic Local	0		
EDGT 277	School of Ed Gate 2 - UG Init. Lic Local	0		
EDGT 377	School of Ed Gate 3 - UG Init. Lic Local	0		
EDUC 189	Practicum in Education I: Local ⁷	0		
EDUC 289	Practicum in Education II: Local ⁷	0		
EDUC 389	Practicum in Education III: Local ⁷	0		
Secondary Cou	rses			
CSCN 310	Web Programming in HTML	3		
CSIS 209	C# Programming			
or CSIS 212	Object Oriented Programming	3		
CSIS 111	Introduction to Programming			
or CSCN 111	Programming in C# Beginning	3		
CSIS 215	Algorithms & Data Structures ²	3		
CSIS 320	IS Hardware & Software	3		
CSIS 325	Database Design & Management ³			
or CSCN 326	Database System Concepts	3		
CSIS 330	Business Data Communication Systems	3		
CSIS 342	Computer Architecture & Organization			
or CSCN 342	Computer Architecture	3		
CSIS 355	Network Architecture & Protocol			
or CSCN 355	Network Architecture, Protocols, & Theory	3		
CSIS 471	Software Engineering			
or CSCN 471	Software Engineering Management	3		
MATH 128	Elementary Func & Coordinate Geometry	4		
MATH 131	Calculus & Analytic Geometry I	4		
MATH 250	Introduction to Discrete Mathematics	3		
PHYS 103	Elements of Physics Lab	1		-
Student Teachii	•	-		
EDST 475	The Reflective Educator: Resource Sem.	3		
	7,8	9		

Graduation Requirements

CSCN 110

MATH 211

PHYS 101

122 Total Hours

Major Foundational Courses (0-9 hours)

Elements of Physics⁶

Introduction to Computer Science⁶

Introduction to Statistical Analysis⁶

3.0 Overall grade point average

30.5 Hours must be upper-level courses (300-400 level)

Grade of 'C' Minimum required for all upper-level courses in the major and all EDUC and EDSP courses

25% Of major taken through Liberty University

30.5 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

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.

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

²CSIS 112 is strongly recommended, as a prerequisite to CSIS 215.

MATH 201 is strongly recommended, as a prerequisite to CSIS 325.

⁴All students must pass the Computer Assessment OR complete applicable INFT course refer to www.liberty.edu/computerassessment for more information

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

⁶Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened

⁷Liberty University School of Education Background check is required for all practicums and

⁸Choose one of the following Student Teaching options: EDST 460, 461, 464, 465, 466, or 467 Suggested Course Sequence on second page

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

ROGL 101	First Semester			Second Semester		
RIOQR 101						
RLGN 105						
UNIV 101	~					
Technology Competency						
EDGT 177						
EDUC 201 3 MATH 131 4 MATH 128 4 CSER 0 CSER 0 Total 18						
MATH 128 4 CSER 0 Total 18 SOPHOMORE YEAR BIBL 105 BIBL 105 BIBL 110 2 BIBL 110 2 RSCH 201 3 Natural Science Elective [PHYS 101]² 3 1 THEO 201 2 PHYS 103 1 MATH Elective [MATH 211]² 3 THEO 202 2 CSIS 111 or CSCN 111 3 CSIS 209 or CSIS 212 3 EDUC 189³ 0 CSIS 215 3 EDUC 235 3 EDUC 350 3 CSER 0 CSER 0 JUNIOR YEAR HIUS 221 3 CTSU 101 3 CSIS 325 or CSCN 326 3 ENGL 201 3 CSIS 342 or CSCN 342 3 CSCN 310 3 CSIS 342 or CSCN 342 3 CSIS 471 or CSCN 471 3 EDUC 289³ 0 EDUC 360 3 EDUC 419 3 CSER 0						
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CSER

EDUC 435

3

0 Total 12

Revised: 04.27.2023 Effective: Catalog Term 2023-40

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