

# **Bachelor of Education in Computer Science Education 6-12**

2021-2022 Degree Completion Plan

Important:

This degree plan is effective for those starting this degree program in fall 2021 through summer 2022. 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.

FOUNDATIONAL SKILLS REQUIREMENTS (44-47 hours)   Louise   Life   Sem   Grade   Course   Life   Sem   Course   Life   Sem   Communication & Information Literacy (13 hours)   Louise   Life   Life   Louise   Life   Life   Louise   Life   Louise   Life   Life   Louise   Life   Li	Gra
ENGL 101 Composition & Rhetoric 3 EDUC 201 Intro. to Education & Classroom Tech. 3   HIUS 221 Survey of American History I 3 EDUC 221 Content Area Read & Diff Teach & Learn 3   HIUS 221 Survey of American History I 1 EDUC 235 Content Instructional Design 3   Information Literacy Elective 3 EDUC 350 Behavior & Individual Differences 3   EDUC 350 Behavior & Individual Differences 3   EDUC 360 Foundations of Education 4   EDUC 360 Foundations 6 Education 4   EDUC 360 Foundations 6 Education 6   EDUC 360 Foundations 6   EDUC 360 Foundations 6 Education 6   EDUC 360 Foundations 6   EDUC 3	
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Social & Scientific Inquiry (6 hours)¹       CSIS 215       Algorithms & Data Structures²       3         PSYC 210       Developmental Psychology       3       CSIS 310       Web Architecture & Development       3         Natural Science Elective       3       CSIS 320       IS Hardware & Software       3         CSIS 325       Database Management Systems³	
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BIBL 105 Old Testament Survey 2 CSIS 330 Business Data Communication Systems 3	
BIBL 110 New Testament Survey 2 CSIS 342 Computer Architecture & Organization 3	-
THEO 201 Theology Survey I <sup>5</sup> 2 CSIS 355 Network Architecture & Protocol 3	
THEO 202 Theology Survey II <sup>5</sup> 2 CSIS 471 Software Engineering 3	
MATH 128 Elementary Func & Coordinate Geometry 4	
Major Foundational Courses (0-9 hours)  MATH 120  Elementary 1 and & coordinate Geometry 4  MATH 131  Calculus & Analytic Geometry I  4	
CSIS 110 Introduction to Computing Sciences <sup>6</sup> 3 MATH 250 Introduction to Discrete Mathematics 3	_
MATH 211 Introduction to Statistical Analysis <sup>6</sup> 3 PHYS 103 Elements of Physics Lab 1	_
PHYS 101 Elements of Physics <sup>6</sup> 3 Student Teaching	-
EDST 475 The Reflective Educator: Resource Sem. 3	
EDST 480 Student Teaching: Distance <sup>7</sup>	

#### **Graduation Requirements**

122 Total Hours

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

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

or EDST 481 Student Teaching: Local<sup>7</sup>

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 <a href="https://www.liberty.edu/gened">www.liberty.edu/gened</a> before enrolling in foundational skills requirements

<sup>2</sup>CSIS 112 is strongly recommended, as a prerequisite to CSIS 215.

<sup>3</sup>MATH 201 is strongly recommended, as a prerequisite to CSIS 325.

All 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

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

<sup>7</sup>Liberty University School of Education Background check is required for all practicums and student teaching

Suggested Course Sequence on second page

Revised: 04.27.2021 Effective: Catalog Term 2021-40

## SUGGESTED COURSE SEQUENCE

### FRESHMAN YEAR

BIBL 105	First Semester			Second Semester	
INQR 101			3		3
RLGN 105					
UNIV 101					
Technology Competency					
EDGT 177			0-3		
EDUC 201         3         MATH 131         4           MATH 128         4         CSER         0           CSER         0         Total 14-17         Total 18           SOPHOMORE VEAR           BIBL 105         2         BIBL 110         2           RSCH 201         3         Natural Science Elective [PHYS 101]²         3           THEO 201         2         PHYS 103         1           MATH Elective [MATH 211]²         3         CSIS 209 or 212         3           EDUC 189³         0         CSIS 215         3           EDUC 235         3         EDUC 350         3           CSER         0         CSER         0           CSER         0         CSER         0           CSIS 325 or 326         3         ENGL 201         3           CSIS 342         3         CSIS 310         3           CSIS 355         3         CSIS 471         3           EDUC 289³         0         EDUC 360         3           EDUC 419         3         CSER         0           MATH 250         3         EDUC 360         3			0		3
MATH 128         4         CSER         0         Total         18           SOPHOMORE YEAR           BIBL 105         SOPHOMORE YEAR           BIBL 105         2         BIBL 110         2           RSCH 201         3         Natural Science Elective [PHYS 101]²         3           THEO 201         2         PHYS 103         1           MATH Elective [MATH 211]²         3         THEO 202         2         2           CSIS 111         3         CSIS 209 or 212         3         3         EDUC 350         3         3         EDUC 350         3         3         EDUC 350         3         3         EDUC 350         3         3         2         3         2         3         2         4         4         1         4         4         1         7         4         4         4         1         4<			3		
SOPHOMORE   SOPH			4	CSER	0
SOPHOMORE YEAR   SIBL 110   2   2   2   3   3   Natural Science Elective [PHYS 101]   3   3   3   3   3   3   3   3   3	CSER		0	Total	18
BIBL 105		Total	14-17		
RSCH 201			SOPHO	MORE YEAR	
THEO 201  MATH Elective [MATH 211]² 3 THEO 202 2 CSIS 111 3 CSIS 209 or 212 3 EDUC 189³ 0 CSIS 215 3 EDUC 235 EDUC 235 3 EDUC 350 3 EDUC 350 3 EDUC 350  Total 16  Total 17	BIBL 105		2	BIBL 110	2
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CSIS 111 3 CSIS 209 or 212 3 EDUC 189³ 0 CSIS 215 3 EDUC 235 3 EDUC 350 3 CSER 0 CSER 0 Total 16 Total 17   **TOTAL**  **	THEO 201		2	PHYS 103	1
EDUC 189³	MATH Elective [MATH 211] <sup>2</sup>		3	THEO 202	2
BDUC 235			3	CSIS 209 or 212	
CSER       0       Total       16       CSER       0         JUNIOR YEAR         HIUS 221       3       CTSU 101       3         CSIS 325 or 326       3       ENGL 201       3         CSIS 342       3       CSIS 310       3         CSIS 355       3       CSIS 471       3         EDUC 2893       0       EDUC 360       3         EDUC 419       3       CSER       0         MATH 250       3       CSER       0         SENIOR YEAR     CSIS 320  CSIS 320  SSIS 330  SSIS 340  CSER  SSIS 350			0	CSIS 215	
Total   16	EDUC 235		3	EDUC 350	3
HIUS 221 3 CTSU 101 3 CSIS 325 or 326 3 ENGL 201 3 CSIS 342 3 CSIS 310 3 CSIS 355 3 CSIS 471 3 EDUC 289³ 0 EDUC 360 3 EDUC 419 3 CSER 0 MATH 250 3 CSER 0 MATH 250 18 CSER 0 Total 18   CSIS 320 3 EDST 475 3 CSIS 330 3 EDST 475 3 CSIS 330 3 EDST 480 or 481³ 9 EDGT 377 0 CSER 0 EDUC 389³ 0 CSER 0 EDUC 389³ 0 Total 12 EDUC 425 3 EDUC 435 CSER 0 CSIS 320 CSER 0 EDUC 435 CSER 0 CSIS 33 CSER 0 Total 12	CSER		<u>0</u>	CSER	0
HIUS 221 3 CTSU 101 3 CSIS 325 or 326 3 ENGL 201 3 CSIS 342 3 CSIS 310 3 CSIS 355 3 CSIS 471 3 EDUC 289³ 0 EDUC 360 3 EDUC 419 3 CSER 0 MATH 250 3 CSER 0 Total 18   SENIOR YEAR  CSIS 320 3 EDST 475 3 CSIS 330 3 EDST 480 or 481³ 9 EDGT 377 0 CSER 0 EDUC 389³ 0 CSER 0 EDUC 389³ 0 Total 12 EDUC 425 3 EDUC 435 CSER 0 CSIS 33 CSER 0 CTSU 101 3  EDST 475 3 CSER 0		Total	16	Total	17
CSIS 325 or 326 3 ENGL 201 3 CSIS 342 3 CSIS 310 3 CSIS 355 3 CSIS 471 3 EDUC 289³ 0 EDUC 360 3 EDUC 419 3 CSER 0 MATH 250 3 CSER 0  MATH 250 3 Total 15  CSER 0 Total 18   CSIS 320 3 EDST 475 3 CSIS 330 3 EDST 475 3 CSIS 330 3 EDST 480 or 481³ 9 EDGT 377 0 CSER 0 EDUC 389³ 0 CSER 0 EDUC 389³ 0 Total 12 EDUC 425 3 EDUC 425 3 EDUC 435 3 CSER 0 CSIS 33 CSER 0 CSIS 33 CSER 0			JUNI	OR YEAR	
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CSIS 355 3 CSIS 471 3 EDUC 289³ 0 EDUC 360 3 EDUC 419 3 CSER 0 MATH 250 3 Total 15 CSER 0 Total 18  CSIS 320 3 EDST 475 3 CSIS 330 3 EDST 480 or 481³ 9 EDGT 377 0 CSER 0 EDUC 389³ 0 Total 12 EDUC 425 3 EDUC 435 3 CSER 0 CSIS 33 CSIS 471 3 CSIS 471 3 EDUC 425 3 EDUC 425 3 EDUC 435 3 CSER 0 CSIS 471 3 CSIS 471 3 EDUC 425 3 EDUC 425 3 EDUC 425 3 CSER 0 CSIS 471 3 EDUC 425 3 EDUC 425 3 EDUC 425 3 EDUC 435 3 CSER 0	CSIS 325 or 326		3	ENGL 201	3
EDUC 289³       0       EDUC 360       3         EDUC 419       3       CSER       0         MATH 250       3       Total       15         CSER       0       Total       18         SENIOR YEAR         CSIS 320       3       EDST 475       3         CSIS 330       3       EDST 480 or 481³       9         EDGT 377       0       CSER       0         EDUC 389³       0       Total       12         EDUC 425       3       EDUC 435       3         CSER       0       0       CSER       0	CSIS 342		3	CSIS 310	3
CSER	CSIS 355		3	CSIS 471	3
MATH 250	EDUC 289 <sup>3</sup>		0	EDUC 360	3
CSER  Total 18  SENIOR YEAR  CSIS 320  3 EDST 475  3 CSIS 330  3 EDST 480 or 481³  9 EDGT 377  0 CSER  EDUC 389³  0 Total 12  EDUC 425  EDUC 425  EDUC 435  CSER  0	EDUC 419		3	CSER	0
Total 18  SENIOR YEAR  CSIS 320 3 EDST 475 3 CSIS 330 3 EDST 480 or 481³ 9 EDGT 377 0 CSER 0 0 EDUC 389³ 0 Total 12 EDUC 425 EDUC 425 EDUC 435 CSER 0	MATH 250		3	Total	15
SENIOR YEAR         CSIS 320       3       EDST 475       3         CSIS 330       3       EDST 480 or 481³       9         EDGT 377       0       CSER       0         EDUC 389³       0       Total       12         EDUC 425       3         EDUC 435       3         CSER       0	CSER		<u>0</u>		
CSIS 320 3 EDST 475 3 CSIS 330 3 EDST 480 or 481 <sup>3</sup> 9 EDGT 377 0 CSER 0 EDUC 389 <sup>3</sup> 0 Total 12 EDUC 425 3 EDUC 435 3 CSER 0		Total	18		
CSIS 330 3 EDST 480 or 481 <sup>3</sup> 9 EDGT 377 0 CSER 0 EDUC 389 <sup>3</sup> 0 Total 12 EDUC 425 3 EDUC 435 3 CSER 0			SENI	OR YEAR	
EDGT 377       0       CSER       0         EDUC 389³       0       Total 12         EDUC 425       3         EDUC 435       3         CSER       0	CSIS 320		3	EDST 475	3
EDUC 389 <sup>3</sup> 0 Total 12 EDUC 425 3 EDUC 435 3 CSER 0	CSIS 330		3	EDST 480 or 481 <sup>3</sup>	9
EDUC 425 3 EDUC 435 3 CSER 0			0	CSER	0
EDUC 435 3 CSER 0	EDUC 389 <sup>3</sup>		0	Total	12
CSER <u>0</u>	EDUC 425		3		
	EDUC 435		3		
Total 12	CSER				
		Total	12		

#### Notes

All applicable prerequisites must be met

Revised: 04.27.2021 Effective: Catalog Term 2021-40

<sup>&</sup>lt;sup>1</sup>All students must pass the Computer Assessment OR complete applicable INFT course; refer to <a href="www.liberty.edu/computerassessment">www.liberty.edu/computerassessment</a> for more information

<sup>&</sup>lt;sup>2</sup>Refer to the list of approved general education electives at <a href="www.liberty.edu/gened">www.liberty.edu/gened</a> before enrolling in foundational skills requirements

<sup>&</sup>lt;sup>3</sup>Liberty University School of Education Background check is required for all practicums and student teaching