# LIBERTY UNIVERSITY

## **Bachelor of Science in Information Technology**

Web and Mobile Programming Cognate

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.

## **GENERAL EDUCATION/**

FOUNDAT	IONAL SKILLS REQUIREMENTS	(44-47 hours)						
Course	<u>Hrs</u> <u>Sem</u> <u>Grade</u> <u>Course</u>			Hrs	Sem	Grade		
Communica	ation & Information Literacy (13 hou	rs) <sup>1</sup>	Μ	ajor Foun	dational Courses (3-9 hours)			
ENGL 101	Composition & Rhetoric	3	BU	JSI 201	Intermediate Business Computer Apps.4	3		
INQR 101	Inquiry 101	1	BU	JSI 230	Introduction to Probability & Statistics <sup>4</sup>	3		-
	Communications Elective	3	BU	JSI 240	Organizational Behavior & Management <sup>4</sup>	3		
	Information Literacy Elective	3						
	Information Literacy Elective	3	<u>M</u>	AJOR				
					Core (48 hours)			
Technologic	cal Solutions & Quantitative Reasonin	ng (4-7 hours) <sup>1</sup>	BU	JSI 390	Business Common Professional Comp.	3		
UNIV 101	Foundational Skills	1	CS	SIS 100	Intro. to Information Sciences & Systems	3		
MATH	Math Elective (MATH 114 or higher)	3	CS	SIS 110	Introduction to Computer Science	3		-
	Technology Competency <sup>2</sup>	0-3	CS	SIS 212	Object-Oriented Programming	3		
			CS	SIS 310	Web Architecture & Development	3		
<b>Critical Thi</b>	nking (8 hours) <sup>1</sup>		CS	SIS 312	Advanced Object-Oriented Programming	3		-
RLGN 105	Intr Bwvw/Contemp Moral Issues <sup>3</sup>	2	CS	SIS 320	IS Hardware & Software	3		
RSCH 201	Research 201	3	CS	SIS 325	Database Management Systems	3		
	Critical Thinking Elective	3	CS	SIS 330	Business Data Communication Systems	3		
			CS	SIS 340	Studies in Information Security	3		
Civic & Global Engagement (5 hours) <sup>1</sup>			CS	SIS 352	System Administration	3		
EVAN 101	Evangelism & Christian Life <sup>3</sup>	2	CS	SIS 354	Integrative Programming & Technologies	3		
	Cultural Studies Elective	3	CS	SIS 375	Intro. to Human-Computer Interaction	3		
			CS	SIS 474	Enterprise Systems & Integration	3		
Social & Sci	ientific Inquiry (6 hours) <sup>1</sup>		CS	SIS 484	Information Technology Capstone	3		
	Natural Science Elective	3	EC	CON 214	Principles of Macroeconomics	3		-
	Social Science Elective	3						
					Cognate (9 hours)			
Christianity & Contexts (8 hours) <sup>1</sup>			CS	SIS 315	Client-Side Programming	3		-
BIBL 105	Old Testament Survey	2	CS	SIS 316	Server-Side Programming	3		
BIBL 110	New Testament Survey	2	CS	SIS 408	Web & Mobile Programming	3		
THEO 201	Theology Survey I <sup>3</sup>	2						
THEO 202 Theology Survey II <sup>3</sup> 2			<u>F</u> ]	FREE ELECTIVES (7-16 hours) <sup>5</sup>				
						-		

aduation Requirements
120 Total Hours
2.0 Overall grade point average
<b>30</b> 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 and cognate 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
CSER All requirements must be satisfied before a degree will be awarded

### Notes

All applicable prerequisites must be met

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

<sup>3</sup>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

<sup>4</sup>Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at <u>www.liberty.edu/gened</u>

<sup>5</sup>Internship (maximum 6 hours) is strongly recommended

## SUGGESTED COURSE SEQUENCE

## FRESHMAN YEAR

First Semester		Second Semester	
BIBL 105	2	BIBL 110	2
ENGL 101	3	RLGN 105	2
INQR 101	1	Communication Elective <sup>1</sup>	3
UNIV 101	1	Information Literacy Elective <sup>1</sup>	3
Social Science Elective <sup>1</sup> [BUSI 240]	3	Math Elective <sup>1</sup> [BUSI 230]	3
Technology Competency <sup>2</sup>	0-3	CSIS 110	3
CSIS 100	3	CSER	<u>0</u>
CSER	<u>0</u>		Total 16
	Total 13-16		

## SOPHOMORE YEAR

THEO 201	2	EVAN 101		2
Critical Thinking Elective <sup>1</sup>	3	RSCH 201		3
Information Literacy Elective <sup>1</sup>	3	THEO 202		2
BUSI 201	3	Cultural Studies Elective <sup>1</sup>		3
ECON 214	3	CSIS 212		3
CSER	<u>0</u>	CSIS 330		3
	Total 14	CSER		<u>0</u>
			Total	16

### JUNIOR YEAR

CSIS 310	3	CSIS 316	3
CSIS 312	3	CSIS 340	3
CSIS 315	3	CSIS 352	3
CSIS 320	3	CSIS 354	3
CSIS 325	3	Elective	3
CSER	<u>0</u>	CSER	<u>0</u>
	Total 15		Total 15

#### SENIOR YEAR

Natural Science Elective <sup>1</sup>	3	CSIS 375	3
BUSI 390	3	CSIS 484	3
CSIS 408	3	Elective	3
CSIS 474	3	Elective	3
Elective	3	Elective	3
Elective	1	CSER	<u>0</u>
CSER	<u>0</u>		Total 15
	Total 16		

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