

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

Web and Mobile Programming Cognate

2020-2021 Degree Completion Plan

# ONLINE

This degree plan is effective for those starting this degree program in fall 2020 through summer 2021. This degree plan will remain in Important: effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates.

#### GENERAL EDUCATION/

FOUNDATI Course	IONAL SKILLS REQUIREMENTS	(39-42 Hrs	hours Sem	) Grade	Course		Hrs	Sem	Grad
·			Sem	Grade	· · · · · · · · · · · · · · · · · · ·	1.6. 1.6. (2.01	піз	Sem	Grad
	tion & Information Literacy (12 hour				•	dational Courses (3-9 hours)	2		
ENGL 101	Composition & Rhetoric	3			BUSI 201	Intermediate Business Computer Apps. <sup>3</sup>	3		
	Communications Elective	3			BUSI 230	Introduction to Probability & Statistics <sup>3</sup>	3		
	Information Literacy Elective	3			BUSI 240	Organizational Behavior I <sup>3</sup>	3		
	Information Literacy Elective	3							
Taskaralasia	al Calatiana & Ossantitatina Dagaanina	~ (2 (	1	\1	<b>MAJOR</b>	Core (48 hours)			
Technological Solutions & Quantitative Reasoning (3-6 hours) <sup>1</sup> UNIV 104 Instructional Tech. for Online Learning 0-3				BUSI 390	Business Common Professional Comp.	2			
		3			CSIS 100	Intro to Information Sciences & Systems	3		
MATH	Math Elective (MATH 114 or higher)	3			CSIS 100 CSIS 110				
G 141 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						Introduction to Computing Sciences	3		
	nking (7 hours) <sup>1</sup>	4			CSIS 212	Object-Oriented Programming	-		-
RLGN 104	Christian Life & Biblical Worldview <sup>2</sup>	4			CSIS 310	Web Architecture & Development	3		
	Critical Thinking Elective	3			CSIS 312	Advanced Object-Oriented Programming	3		
					CSIS 320	IS Hardware & Software	3		
Civic & Glo	bal Engagement (3 hours) <sup>1</sup>				CSIS 325	Database Management Systems	3		
	Cultural Studies Elective	3			CSIS 330	Business Data Communication Systems	3		
					CSIS 340	Studies in Information Security	3		
Social & Sci	ientific Inquiry (6 hours) <sup>1</sup>				CSIS 352	System Administration	3		
	Natural Science Elective	3			CSIS 354	Integrative Programming & Technologies			
	Social Science Elective	3			CSIS 375	Intro. to Human-Computer Interaction	3		
					CSIS 474	Enterprise Systems & Integration	3		
Christianity & Contexts (8 hours) <sup>1</sup>				CSIS 484	Information Technology Capstone	3			
BIBL 104	Survey of Old & New Testament	4			ECON 214	Principles of Macroeconomics	3		
THEO 104	Introduction to Theology Survey <sup>2</sup>	4							
						Cognate (9 hours)			
					CSIS 315	Client-Side Programming	3		
					CSIS 316	Server-Side Programming	3		
					CSIS 408	Web & Mobile Programming	3		
					FREE ELECTIVES (12-21 hours) <sup>4</sup>				
							_		
							_		
							_		
							_		
							_		
							_		
							_		

#### **Graduation Requirements**

- 120 Total Hours
- 2.0 Overall grade point average
- 30 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

All applicable prerequisites must be met

<sup>1</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>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

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

<sup>4</sup>Internship (maximum 6 hours) is strongly recommended.

Suggested Course Sequence on second page

Revised: 05.14.2020 Effective: Catalog Term 2020-40

# SUGGESTED COURSE SEQUENCE

### FRESHMAN YEAR

First Semester		Second Semester		
BIBL 104	4	BUSI 201		3
ENGL 101	3	Communications Elective <sup>1</sup> Information Literacy Elective <sup>1</sup>		
UNIV 104	3			
ocial Sciences Elective <sup>1</sup> [BUSI 240]	3	Math Elective <sup>1</sup> [BUSI 230]		
CSIS 100	<u>3</u>	CSIS 110		<u>3</u>
Tot	al 13-16		Total	15
SO	OPHOMOR	E YEAR		
Information Literacy Elective <sup>1</sup>	3	RLGN 104		4
ΓHEO 104	4	Natural Science Elective <sup>1</sup>		3
CSIS 212	3	CSIS 310		3
CSIS 320	3	CSIS 312		3
Elective	<u>3</u>	CSIS 330		3
Tot	al 16		Total	
	JUNIOR Y	EAR		
Critical Thinking Elective <sup>1</sup>	3	Cultural Studies Elective <sup>1</sup>		3
CSIS 315	3	CSIS 316		3
CSIS 325	3	CSIS 354		3
CSIS 340	3	CSIS 375		3
CSIS 352	<u>3</u>	Elective		3
Tot	al 15		Total	
	SENIOR Y	EAR		
CSIS 408	3	BUSI 390		3
CSIS 474	3	CSIS 484		3
CCON 214	3	Elective		3
Elective	3	Elective		3
Elective	<u>3</u>		Total	
Tot	al 15			

 ${}^{1}\!Refer\ to\ the\ list\ of\ approved\ general\ education\ electives\ at\ www.liberty.edu/gened\ before\ enrolling\ in\ foundational\ skills\ requirements$ 

Revised: 05.14.2020 Effective: Catalog Term 2020-40