## LIBERTY Т Y. NIVERS Ι

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

Data Networking and Security Cognate

2020-2021 Degree Completion Plan

Grade

# 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	ONAL SKILLS REQUIREMENTS	(39-42	hours)	<u>)</u>				
Course		Hrs	Sem	Grade	Course		Hrs	Sem
Communicat	tion & Information Literacy (12 hour	rs) <sup>1</sup>			Major Four	dational Courses (3-9 hours)		
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						
					MAJOR			
Technologica	al Solutions & Quantitative Reasonin	g (3-6	hours)	1		Core (48 hours)		
UNIV 104	Instructional Tech. for Online Learning	0-3			BUSI 390	Business Common Professional Comp.	3	
MATH	Math Elective (MATH 114 or higher)	3			CSIS 100	Intro. to Information Sciences & Systems	3	
					CSIS 110	Introduction to Computing Sciences	3	
<b>Critical Thir</b>	ıking (7 hours) <sup>1</sup>				CSIS 212	Object-Oriented Programming	3	
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 & Glob	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 & Scie	entific Inquiry (6 hours) <sup>1</sup>				CSIS 352	System Administration	3	
	Natural Science Elective	3			CSIS 354	Integrative Programming & Technologies	3	-
	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 (15 hours)		
CSIS 331	Networks	3	 
CSIS 335	Network Security	3	 
CSIS 341	Information Security Planning	3	 
CSIS 343	Cybersecurity	3	 
CSIS 430	Advanced Networking & Comm. Systems		
<u>or</u> CSIS 499	Internship	3	 

#### FREE ELECTIVES (6-15 hours)<sup>4</sup>

Notes

	All applicable prerequisites must be met
Graduation Requirements	<sup>1</sup> Refer to the list of approved general education electives at <u>www.liberty.edu/gened</u> before
120 Total Hours	enrolling in foundational skills requirements
2.0 Overall grade point average	<sup>2</sup> Students transferring in 45 or more UG credit hours will have the requirement of RLGN
<b>30</b> Hours must be upper-level courses (300-400 level)	104 waived; Students transferring in 60 or more UG credit hours will also have the
Grade of 'C' Minimum required for all upper-level courses in the major	requirement of THEO 104 waived
25% Of major and cognate taken through Liberty University	<sup>3</sup> Courses may also fulfill select General Education Requirements. Please refer to the list of
30 Hours must be completed through Liberty University	approved general education electives at www.liberty.edu/gened
Grad App Submission of Degree Completion Application must be completed	<sup>4</sup> Internship (maximum 6 hours) is strongly recommended.
within the last semester of a student's anticipated graduation date	Suggested Course Sequence on second page

#### SUGGESTED COURSE SEQUENCE

#### FRESHMAN YEAR

BUSI 2013Communications Elective13Information Literacy Elective13Math Elective1 [BUSI 230]3CSIS 1103
Information Literacy Elective13Math Elective1 [BUSI 230]3
Math Elective <sup>1</sup> [BUSI 230] 3
CSIS 110 3
Total 15
ORE YEAR
RLGN 104 4
Natural Science Elective <sup>1</sup> 3
CSIS 310 3
CSIS 312 3
CSIS 330 <u>3</u>
Total 16
R YEAR
Cultural Studies Elective <sup>1</sup> 3
CSIS 335 3
CSIS 354 3
CSIS 375 3
Elective <u>3</u>
Total 15
R YEAR
BUSI 390 3
CSIS 430 <u>or</u> 499 3
CSIS 484 3
Elective <u>3</u>
Total 12
•

Notes <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