# LIBERTY UNIVERSITY

## Bachelor of Science in Information Systems Data Networking 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/**

	IONAL SKILLS REQUIREMENTS			-					
Course		Hrs	Sem	Grade	Course		Hrs	Sem	Grade
Communication & Information Literacy (13 hours) <sup>1</sup>				Major Foundational Courses (3-9 hours)					
ENGL 101	Composition & Rhetoric	3			BUSI 201	Intermediate Business Computer Apps. <sup>4</sup>	3		
INQR 101	Inquiry 101	1			BUSI 230	Introduction to Probability & Statistics <sup>4</sup>	3		
	Communications Elective	3			BUSI 240	Organizational Behavior & Management <sup>4</sup>	3		
	Information Literacy Elective	3							
	Information Literacy Elective	3			MAJOR				
						Core (48 hours)			
Technologic	al Solutions & Quantitative Reasoning	ng (4-7	hours)	)1	ACCT 211	Financial Principles	3		
UNIV 101	Foundational Skills	1			ACCT 212	Managerial Principles	3		
MATH	Math Elective (MATH 114 or higher)	3			BUSI 301	Legal & Eth. Concepts for Dec. Makers	3		
	Technology Competency <sup>2</sup>	0-3			BUSI 310	Principles of Management	3		
					CSIS 100	Intro. to Information Sciences & Systems	3		
<b>Critical Thi</b>	nking (8 hours) <sup>1</sup>				CSIS 110	Introduction to Computer Science	3		
RLGN 105	Intr Bwvw/Contemp Moral Issues <sup>3</sup>	2			CSIS 208	Application Programming	3		
RSCH 201	Research 201	3			CSIS 310	Web Architecture & Development	3		
	Critical Thinking Elective	3			CSIS 320	IS Hardware & Software	3		
					CSIS 325	Database Management Systems	3		
Civic & Glo	bal Engagement (5 hours) <sup>1</sup>				CSIS 330	Business Data Communication Systems	3		
EVAN 101	Evangelism & Christian Life <sup>3</sup>	2			CSIS 340	Studies in Information Security	3		
	Cultural Studies Elective	3			CSIS 351	System Analysis & Design	3		
					CSIS 473	IS Project Management	3		
Social & Sci	ientific Inquiry (6 hours) <sup>1</sup>				CSIS 483	Information Systems Capstone	3		
	Natural Science Elective	3			ECON 214	Principles of Macroeconomics	3		
	Social Science Elective	3							
						Cognate (12 hours)			
Christianity & Contexts (8 hours) <sup>1</sup>			CSIS 331	Networks	3				
BIBL 105	Old Testament Survey	2			CSIS 335	Network Security	3		
BIBL 110	New Testament Survey	2			CSIS 430	Adv. Networking & Coms. Systems	3		
THEO 201	Theology Survey I <sup>3</sup>	2			CSIS 341	Information Security Planning			
THEO 202	Theology Survey II <sup>3</sup>	2			or CSIS 499	Internship	3		

### FREE ELECTIVES (4-13 hours)<sup>5</sup>

<b>Graduation Requi</b>	rements
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
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 & EVAN 101 waived; Students transferring in 60 or more UG credit hours will also have the requirements of THEO 201 & 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 on second page

## 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

RSCH 201		3	EVAN 101		2
THEO 201		2	THEO 202		2
Critical Thinking Elective <sup>1</sup>		3	Cultural Studies Elective <sup>1</sup>		3
ACCT 211		3	Information Literacy Elective <sup>1</sup>		3
BUSI 201		3	ACCT 212		3
CSER		<u>0</u>	CSIS 208		3
	Total	14	CSER		<u>0</u>
				Total	16

#### JUNIOR YEAR

BUSI 310	3	BUSI 301	3
CSIS 310	3	CSIS 335	3
CSIS 325	3	CSIS 340	3
CSIS 330	3	CSIS 351	3
Elective	3	ECON 214	3
CSER	<u>0</u>	CSER	<u>0</u>
	Total 15		Total 15

#### SENIOR YEAR

Natural Science Elective <sup>1</sup>	3	CSIS 341 or 499	3
CSIS 320	3	CSIS 430	3
CSIS 331	3	CSIS 483	3
CSIS 473	3	Elective	3
Elective	3	Elective	3
Elective	1	CSER	<u>0</u>
CSER	<u>0</u>		Total 15
	Total 16		

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 <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