

Bachelor of Science in Information Systems

Data Networking Cognate

2022-2023 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2022 through summer 2023. 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/

Course		Hrs Sem Grade	Course		<u>Hrs</u>	<u>Sem</u>	Grade
Communica	tion & Information Literacy (13 hou	Major Foundational Courses (3-9 hours)					
ENGL 101	Composition & Rhetoric	3	BUSI 201	Intermediate Business Computer Apps.4	3		
INQR 101	Inquiry 101	1	BUSI 230	Introduction to Probability & Statistics ⁴	3		
	Communications Elective	3	BUSI 240	Organizational Behavior I ⁴	3		
	Information Literacy Elective	3					
	Information Literacy Elective	3	MAJOR				
				Core (48 hours)			
Technological Solutions & Quantitative Reasoning (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	Business Law	3		
	Technology Competency ²	0-3	BUSI 310	Principles of Management	3		
			CSIS 100	Intro. to Information Sciences & Systems	3		
Critical Thi	nking (8 hours) ¹		CSIS 110	Introduction to Computer Science	3		
RLGN 105	Intr Bwvw/Contemp Moral Issues ³	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 & Global Engagement (5 hours) ¹			CSIS 330	Business Data Communication Systems	3		
EVAN 101	Evangelism & Christian Life ³	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 & Scientific Inquiry (6 hours) ¹			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) ¹			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 ³	2	CSIS 341	Information Security Planning			
THEO 202	Theology Survey II ³	2	<u>or</u> CSIS 499	Internship	3		
			FREE ELECTIVES (4-13 hours) ⁵				
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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

CSER All requirements must be satisfied before a degree will be awarded

Notes

All applicable prerequisites must be met

¹Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

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

³Students 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

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

⁵Internship (maximum 6 hours) is strongly recommended

Suggested Course Sequence on second page

Revised: 06.22.2022 Effective: Catalog Term 2022-40

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 ¹		3							
UNIV 101	1		Information Literacy Elective ¹		3							
Social Science Elective ¹ [BUSI 240]		3	Math Elective ¹ [BUSI 230]		3							
Technology Competency ²		0-3	CSIS 110		3							
CSIS 100		3	CSER		0							
CSER		0		Total	16							
	Total	13-16										
SOPHOMORE YEAR												
RSCH 201		3	EVAN 101		2							
THEO 201		2	THEO 202		2							
Critical Thinking Elective ¹		3	Cultural Studies Elective ¹		3							
ACCT 211		3	Information Literacy Elective ¹		3							
BUSI 201		3	ACCT 212		3							
CSER		<u>0</u>	CSIS 208		3							
	Total	14	CSER		0							
				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		0							
	Total	15		Total	15							
SENIOR YEAR												
Natural Science Elective ¹		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		0							
CSER		<u>0</u>		Total	15							
	Total	16										

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