

# **Bachelor of Science in Information Systems**

Data Networking Cognate

2018-2019 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2018 through summer 2019. 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/**

CORE	COMPETENCY	REQUIREMENTS	(44-47 hours)

Course		<u>Hrs</u>	Sem	Grade	Course		<u>Hrs</u>	<u>Sem</u>	Grade
Communica	ation (6 hours) <sup>1</sup>				Major Foun	dational Courses (3-9 hours) <sup>4</sup>			
ENGL 101	Composition & Rhetoric	3 _			BUSI 201	Intermediate Business Computer Apps.	3		
	Communications Elective	3 _			BUSI 230	Introduction to Probability & Statistics	3		
					BUSI 240	Organizational Behavior I	3		
Math, Scien	ce & Technology (7-10 hours) <sup>1</sup>								
MATH	Math Elective (MATH 114 or higher)	3			<b>MAJOR</b>				
	Natural Science Elective	3				Core (48 hours)			
	Technology Competency <sup>2</sup>	0-3			ACCT 211	Financial Accounting	3		
UNIV 101	University Core Competencies	1			ACCT 212	Managerial Accounting	3		
					BUSI 301	Business Law	3		
Information Literacy (7 hours) <sup>1</sup>					BUSI 310	Principles of Management	3		
INQR 101	Inquiry 101	1			CSIS 100	Intro. to Information Sciences & Systems	3		
	Composition Elective	3			CSIS 110	Introduction to Computing Sciences	3		
	Information Literacy Elective	3			CSIS 208	Application Programming	3		
					CSIS 310	Web Architecture & Development	3		
Critical Thinking (12 hours) <sup>1</sup>					CSIS 320	IS Hardware & Software	3		
RSCH 201	Research 201	3			CSIS 325	Database Management Systems	3		
	Literature OR Philosophy Elective	3			CSIS 330	Business Data Communication Systems	3		
	Social Science Elective	3			CSIS 340	Studies in Information Security	3		
	Cultural Studies Elective	3			CSIS 351	System Analysis & Design	3		
					CSIS 473	IS Project Management	3		
Christian Life & Thought (12 hours) <sup>1,3</sup>					CSIS 483	Information Systems Capstone	3		
BIBL 105	Old Testament Survey	2			ECON 214	Principles of Macroeconomics	3		
BIBL 110	New Testament Survey	2							
EVAN 101	Evangelism & Christian Life	2				Cognate (12 hours)			
RLGN 105	Intr Bwvw/Contemp Moral Issues	2			CSIS 331	Networks	3		
THEO 201	Theology Survey I	2			CSIS 335	Network Security	3		
THEO 202	Theology Survey II	2			CSIS 430	Adv. Networking & Coms. Systems	3		
	•				CSIS 341	Information Security Planning			
					or CSIS 499	Internship	3		
					FREE ELECTIVES (4-13 hours) <sup>5</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

50% Of major and cognate taken through Liberty University

30 Hours must be completed through Liberty University

Grad App Submission of Graduation 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

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 core competency requirements

<sup>2</sup>All students must pass the Computer Assessment OR complete applicable INFT course;  $refer\ to\ \underline{www.liberty.edu/computerassessment}\ for\ more\ information$ 

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>Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable

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

Suggested Course Sequence on second page

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# SUGGESTED COURSE SEQUENCE

## FRESHMAN YEAR

First Semester		Second Semester		
BIBL 105	2	BIBL 110		2
ENGL 101	3	EVAN 101		2
INQR 101	1	Communication Elective		3
RLGN 105	2	Composition Elective		3
UNIV 101	1	Math Elective <sup>1</sup> [BUSI 230]		3
Social Science Elective <sup>1</sup> [BUSI 240]	3	CSIS 110		3
CSIS 100	3	CSER		<u>0</u>
CSER	<u>0</u>		Total	16
То	tal 15			
Se	ОРНОМО	RE YEAR		
THEO 201	2	RSCH 201		3
Cultural Studies Elective <sup>1</sup>	3	THEO 202		2
Information Literacy Elective <sup>1</sup>	3	Literature/Philosophy Elective		3
ACCT 211	3	Technology Competency <sup>2</sup>		0-3
BUSI 201	3	ACCT 212		3
CSER	<u>0</u>	CSIS 208		3
To	tal 14	CSER		0
			Total	14-17
	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
То	tal 15		Total	15
	SENIOR	YEAR		
CSIS 320	3	CSIS 341 or 499		3
CSIS 331	3	CSIS 430		3
CSIS 473	3	CSIS 483		3
Elective	3	Elective		3
Elective	1	Elective		3
CSER	<u>0</u>	CSER		<u>0</u>
То	tal 13		Total	15

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Notes

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