Important: This degree plan is effective for those starting this degree program in fall 2020 through summer 2021. 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/
FOUNDATIONAL SKILLS REQUIREMENTS (46-49 hours)

Course		Hrs	Sem	Grade
Communication & Information Literacy (13 hours)[1]				
ENGL 101	Composition & Rhetoric	3		
INQR 101	Inquiry 101	1		
_____	Communications Elective	3		
_____	Information Literacy Elective	3		
_____	Information Literacy Elective	3		
Technological Solutions & Quantitative Reasoning (5-8 hours)[1]				
UNIV 101	Foundational Skills	1		
MATH ____	Math Elective (MATH 114 or higher)	4		
_____	Technology Competency[2]	0-3		
Critical Thinking (8 hours)[1]				
RLGN 105	Intr Bwvw/Contemp Moral Issues[3]	2		
RSCH 201	Research 201	3		
_____	Critical Thinking Elective	3		
Civic & Global Engagement (5 hours)[1]				
EVAN 101	Evangelism & Christian Life[3]	2		
_____	Cultural Studies Elective	3		
Social & Scientific Inquiry (7 hours)[1]				
_____	Natural Science Elective	4		
_____	Social Science Elective	3		
Christianity & Contexts (8 hours)[1]				
BIBL 105	Old Testament Survey	2		
BIBL 110	New Testament Survey	2		
THEO 201	Theology Survey I[3]	2		
THEO 202	Theology Survey II[3]	2		

Course		Hrs	Sem	Grade
Major Foundational Courses (0-20 hours)				
BUSI 240	Organizational Behavior I[4]	3		
CSIS 110	Introduction to Computing Sciences[4]	3		
CSIS 111	Introduction to Programming[4]	3		
ENGR 270	Technical Communication[4]	3		
MATH 131	Calculus & Analytical Geometry I[4]	4		
PHYS 201	General Physics I[4]	4		
MAJOR				
	Core (42 hours)			
CSIS 100	Intro. to Information Sciences & Systems	3		
CSIS 112	Advanced Programming	3		
CSIS 215	Algorithms & Data Structures	3		
CSIS 326	Database System Concepts	3		
CSIS 342	Computer Architecture & Organization	3		
CSIS 345	Introduction to Linux	3		
CSIS 352	System Administration	3		
CSIS 355	Network Architecture & Protocols	3		
CSIS 434	Theory of Programming Languages	3		
CSIS 443	Operating Systems	3		
CSIS 461	Technical Aspects of Computer Security	3		
CSIS 471	Software Engineering	3		
CSIS 481	CS Capstone I[5]			
or CSIS 485	Cybersecurity Capstone I[5]	3		
CSIS 482	CS Capstone II[5]			
or CSIS 486	Cybersecurity Capstone II[5]	3		
	Cognate (12 hours)			
CSIS 310	Web Architecture & Development	3		
CSIS 315	Client-Side Programming	3		
CSIS 316	Server-Side Programming	3		
CSIS 408	Web & Mobile Programming	3		
	Quantitative Studies Courses (13 hours)			
MATH 128	Elem. Functions & Coordinate Geometry	4		
MATH 211	Introduction to Statistical Analysis	3		
MATH 250	Introduction to Discrete Mathematics	3		
MATH ____	Math Elective[6]	3		
	Lab Sciences Courses (4 hours)			
_____	Lab Science Elective[7]	4		
	Technical Elective Courses (3 hours)[8]			
_____	_____			

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** courses in the major, quantitative studies, lab science, technical elective, and major foundational sections
- **25%** Of major, core, 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

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester	
ENGL 101	3	EVAN 101	2
UNIV 101	1	INQR 101	1
Information Literacy Elective[1] [CSIS 110]	3	RLGN 105	2
Technology Competency[2]	0-3	Communications Elective[1] [ENGR 270]	3
CSIS 100	3	Information Literacy Elective[1] [CSIS 111]	3
MATH 128	4	Math Elective[1] [MATH 131]	4
CSER	0	CSER	0
	Total 14-17		Total 15

SOPHOMORE YEAR

BIBL 105	2	BIBL 110	2
Natural Science Elective[1] [PHYS 201]	4	RSCH 201	3
Social Science Elective[1] [BUSI 240]	3	CSIS 215	3
CSIS 112	3	CSIS 310	3
MATH 250	3	CSIS 345	3
CSER	0	MATH 211	3
	Total 15	CSER	0
			Total 17

JUNIOR YEAR

CSIS 315	3	CSIS 316	3
CSIS 326	3	CSIS 434	3
CSIS 342	3	CSIS 443	3
CSIS 352	3	CSIS 461	3
CSIS 355	3	CSIS 471	3
CSER	0	CSER	0
	Total 15		Total 15

SENIOR YEAR

THEO 201	2	THEO 202	2
CSIS 408	3	Critical Thinking Elective[1]	3
CSIS 481	3	Cultural Studies Elective[1]	3
Lab Science Elective[3]	4	CSIS 482	3
MATH Elective[4]	3	Technical Elective[5]	3-4
CSER	0	CSER	0
	Total 15		Total 14-15

Notes

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

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

[3]Choose any science course which includes a lab component. Students typically choose BIOL 101 *and* 103, 102 *and* 104, 224, CHEM 105, 107, 121 or PHYS 202. If choosing a Physics course, it must be one that adds to the material in PHYS 201.

[4]Choose one of the following courses not already required by the degree: MATH 125, 130, 132, 200, 217, 221, 301, 302, 305, 307, 350, or 352. Applicable prerequisites must be met.

[5]Choose from: BUSI 300, 301, 313, 424, 427, or any 200-400 level Computer Science, Math, or Engineering course not already required by the degree