

**Important:** This degree plan is effective for those starting this degree program in fall 2017 through summer 2018. 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		Hrs	Sem	Grade
<b>Communication (6 hours)<sup>1</sup></b>				
ENGL 101	Composition & Rhetoric	3	_____	_____
_____	Communications Elective	3	_____	_____
<b>Math, Science &amp; Technology (7-10 hours)<sup>1</sup></b>				
MATH _____	Math Elective (MATH 114 or higher)	3	_____	_____
_____	Natural Science Elective	3	_____	_____
_____	Technology Competency <sup>2</sup>	0-3	_____	_____
UNIV 101	University Core Competencies	1	_____	_____
<b>Information Literacy (7 hours)<sup>1</sup></b>				
INQR 101	Inquiry 101	1	_____	_____
_____	Composition Elective	3	_____	_____
_____	Information Literacy Elective	3	_____	_____
<b>Critical Thinking (12 hours)<sup>1</sup></b>				
RSCH 201	Research 201	3	_____	_____
_____	Literature OR Philosophy Elective	3	_____	_____
_____	Social Science Elective	3	_____	_____
_____	Cultural Studies Elective	3	_____	_____
<b>Christian Life &amp; Thought (12 hours)<sup>1,3</sup></b>				
BIBL 105	Old Testament Survey	2	_____	_____
BIBL 110	New Testament Survey	2	_____	_____
EVAN 101	Evangelism & Christian Life	2	_____	_____
RLGN 105	Intr Bwvw/Contemp Moral Issues	2	_____	_____
THEO 201	Theology Survey I	2	_____	_____
THEO 202	Theology Survey II	2	_____	_____

Course		Hrs	Sem	Grade
<b>Major Foundational Courses (4-15 hours)<sup>4</sup></b>				
ENGR 270	Technical Communication	3	_____	_____
MATH 131	Calculus & Analytic Geometry I	4	_____	_____
MATH 132	Calculus & Analytic Geometry II	4	_____	_____
PHYS 231	University Physics I	4	_____	_____

### MAJOR

Core (43 hours)				
CSIS 110	Introduction to Computer Sciences	3	_____	_____
CSIS 111	Introduction to Programming	3	_____	_____
MATH 133	Calculus with Mathematica Lab	1	_____	_____
MATH 200	Introduction to Mathematical Reasoning	3	_____	_____
MATH 231	Calculus & Analytic Geometry III	4	_____	_____
MATH 311	Probability & Statistics I	3	_____	_____
MATH 321	Linear Algebra	3	_____	_____
MATH 421	Elementary & Abstract Algebra I	3	_____	_____
MATH 431	Real Analysis	3	_____	_____
MATH 450	Mathematics Capstone Seminar	1	_____	_____
MATH _____	Math Elective <sup>5</sup>	3	_____	_____
MATH _____	Math Elective <sup>6,8</sup>	3	_____	_____
MATH _____	Math Elective <sup>7,8</sup>	3	_____	_____
MATH _____	Math Elective <sup>9</sup>	3	_____	_____
PHYS 232	University Physics II	4	_____	_____

### FREE ELECTIVES (15-29 hours)<sup>10</sup>

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

<b>Graduation Requirements</b>
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 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

<b>Notes</b>
All applicable prerequisites must be met
<sup>1</sup> Refer to the list of approved general education electives at <a href="http://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 <a href="http://www.liberty.edu/generalstudies/inft">http://www.liberty.edu/generalstudies/inft</a> 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 and THEO 202 waived
<sup>4</sup> Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable
<sup>5</sup> Choose from MATH 305, 332 or 334
<sup>6</sup> Choose from MATH 307, 331 or 422
<sup>7</sup> Choose from MATH 301, 302, 350, 352 or 411
<sup>8</sup> MATH 411 or 422 must be part of the degree program
<sup>9</sup> Choose a 300-400 level MATH course not already applying to the major
<sup>10</sup> May need 3 hours of upper-level electives
<i>Suggested Course Sequence on second page</i>

## SUGGESTED COURSE SEQUENCE

### FRESHMAN YEAR

First Semester		Second Semester	
BIBL 105	2	BIBL 110	2
ENGL 101	3	INQR 101	1
UNIV 101	1	RLGN 105	2
Communications Elective <sup>1</sup> [ENGR 270]	3	Information Literacy Elective <sup>1</sup>	3
MATH Elective <sup>1</sup> [MATH 131]	4	Natural Science Elective <sup>1</sup> [PHYS 231]	4
Literature <u>or</u> Philosophy Elective <sup>1</sup>	3	MATH 132	4
CSER	<u>0</u>	MATH 133	1
Total	16	CSER	<u>0</u>
		Total	17

### SOPHOMORE YEAR

EVAN 101	2	THEO 202	2
RSCH 201	3	Cultural Studies Elective <sup>1</sup>	3
THEO 201	2	Technology Competency <sup>2</sup>	0-3
Composition Elective <sup>1</sup>	3	CSIS 110	3
Social Science Elective <sup>1</sup>	3	MATH 200	3
PHYS 232	4	MATH 231	4
CSER	<u>0</u>	CSER	<u>0</u>
Total	17	Total	15-18

### JUNIOR YEAR

CSIS 111	3	MATH 421	3
MATH 311	3	MATH 431	3
MATH 321	3	MATH Elective <sup>4</sup>	3
Elective <sup>3</sup>	3	Elective	3
Elective	3	CSER	<u>0</u>
CSER	<u>0</u>	Total	12
Total	15		

### SENIOR YEAR

MATH 450	1	MATH Elective <sup>6,7</sup>	3
MATH Elective <sup>5,7</sup>	3	MATH Elective <sup>8</sup>	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
CSER	<u>0</u>	CSER	<u>0</u>
Total	13	Total	15

**Notes**

*All applicable prerequisites must be met*

<sup>1</sup>Refer to the list of approved general education electives at [www.liberty.edu/gened](http://www.liberty.edu/gened) before enrolling in core competency requirements

<sup>2</sup>All students must pass the Computer Assessment OR complete applicable INFT course; refer to <http://www.liberty.edu/generalstudies/inft> for more information

<sup>3</sup>May need 3 hours of upper-level electives

<sup>4</sup>Choose from MATH 305, 332 or 334

<sup>5</sup>Choose from MATH 307, 331 or 422

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<sup>7</sup>MATH 411 or 422 must be part of the degree program

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