

**Important:** This degree plan is effective for those starting this degree program in fall 2021 through summer 2022. 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 (44-47 hours)

Course		Hrs	Sem	Grade
<b>Communication &amp; Information Literacy (13 hours)<sup>1</sup></b>				
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 (4-7 hours)<sup>1</sup>

UNIV 101	Foundational Skills	1	_____	_____
MATH _____	Math Elective (MATH 114 or higher)	3	_____	_____
_____	Technology Competency <sup>2</sup>	0-3	_____	_____

#### Critical Thinking (8 hours)<sup>1</sup>

RLGN 105	Intr Bwvw/Contemp Moral Issues <sup>3</sup>	2	_____	_____
RSCH 201	Research 201	3	_____	_____
_____	Critical Thinking Elective	3	_____	_____

#### Civic & Global Engagement (5 hours)<sup>1</sup>

EVAN 101	Evangelism & Christian Life <sup>3</sup>	2	_____	_____
_____	Cultural Studies Elective	3	_____	_____

#### Social & Scientific Inquiry (6 hours)<sup>1</sup>

_____	Natural Science Elective	3	_____	_____
_____	Social Science Elective	3	_____	_____

#### Christianity & Contexts (8 hours)<sup>1</sup>

BIBL 105	Old Testament Survey	2	_____	_____
BIBL 110	New Testament Survey	2	_____	_____
THEO 201	Theology Survey I <sup>3</sup>	2	_____	_____
THEO 202	Theology Survey II <sup>3</sup>	2	_____	_____

#### Major Foundational Courses (0-17 hours)

Course		Hrs	Sem	Grade
CSIS 110	Introduction to Computer Sciences <sup>4</sup>	3	_____	_____
CSIS 111	Introduction to Programming <sup>4</sup>	3	_____	_____
ENGR 270	Technical Communication <sup>4</sup>	3	_____	_____
MATH 131	Calculus & Analytic Geometry I <sup>4</sup>	4	_____	_____
PHYS 231	University Physics I <sup>4</sup>	4	_____	_____

#### MAJOR

<b>Core (41 hours)</b>				
MATH 132	Calculus & Analytic Geometry II	4	_____	_____
MATH 133	Calculus with Mathematica Lab	1	_____	_____
MATH 200	Introduction to Mathematical Reasoning	3	_____	_____
MATH 221	Applied Linear Algebra	3	_____	_____
MATH 231	Calculus & Analytic Geometry III	4	_____	_____
MATH 311	Probability & Statistics I	3	_____	_____
MATH 321	Linear Algebra	3	_____	_____
MATH 331	Complex Variables	3	_____	_____
MATH 421	Elementary & Abstract Algebra I	3	_____	_____
MATH 431	Real Analysis	3	_____	_____
MATH 450	Mathematics Capstone Seminar	2	_____	_____
MATH _____	Math Elective <sup>5</sup>	3	_____	_____
MATH _____	Math Elective <sup>6</sup>	3	_____	_____
MATH _____	Math Elective <sup>7</sup>	3	_____	_____

#### FREE ELECTIVES (15-35 hours)<sup>8</sup>

_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____

#### 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 foundational skills requirements

<sup>2</sup>All students must pass the Computer Assessment OR complete applicable INFT course; refer to [www.liberty.edu/computerassessment](http://www.liberty.edu/computerassessment) 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>Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at [www.liberty.edu/gened](http://www.liberty.edu/gened)

<sup>5</sup>Choose course from the following: MATH 305 or 307

<sup>6</sup>Choose course from the following: MATH 411 or 422

<sup>7</sup>Choose course from the following: MATH 301, 302, 332, 334, or 352

<sup>8</sup>May need 4 hours of upper-level electives

Suggested Course Sequence on second page

#### 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 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	
BIBL 105	2	BIBL 110	2
ENGL 101	3	INQR 101	1
RLGN 105	2	Communications Elect. <sup>1</sup> [ENGR 270]	3
UNIV 101	1	Info Literacy Elective <sup>1</sup> [CSIS 110]	3
MATH Elective <sup>1</sup> [MATH 131]	4	Natural Science Elective <sup>1</sup> [PHYS 231]	4
Technology Competency <sup>2</sup>	0-3	MATH 132	4
MATH 133	1	CSER	<u>0</u>
CSER	<u>0</u>	Total	17
Total	13-16		

### SOPHOMORE YEAR

EVAN 101	2	THEO 201	2
RSCH 201	3	Critical Thinking Elective <sup>1</sup>	3
MATH 200	3	Cultural Studies Elective <sup>1</sup>	3
MATH 221	3	MATH 311	3
MATH 231	4	MATH 321	3
CSER	<u>0</u>	CSER	<u>0</u>
Total	15	Total	14

### JUNIOR YEAR

THEO 202	2	Social Science Elective <sup>1</sup>	3
Info Literacy Elective <sup>1</sup> [CSIS 111]	3	MATH Elective <sup>4</sup>	3
MATH 331	3	Elective	3
Elective <sup>3</sup>	3	Elective	3
Elective <sup>3</sup>	3	Elective	3
Elective	3	CSER	<u>0</u>
CSER	<u>0</u>	Total	15
Total	17		

### SENIOR YEAR

MATH 421	3	MATH 431	3
MATH Elective <sup>5</sup>	3	MATH 450	2
Elective	3	MATH Elective <sup>6</sup>	3
Elective	3	Elective	3
Elective	3	Elective	3
CSER	<u>0</u>	CSER	<u>0</u>
Total	15	Total	14

#### 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 foundational skills requirements

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

<sup>3</sup>May need 4 hours of upper-level electives

<sup>4</sup>Choose from MATH 305 or 307

<sup>5</sup>Choose from MATH 411 or 422

<sup>6</sup>Choose from MATH 301, 302, 332, 334, or 352