

**Important:** This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. 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 (40-43 hours)

Course		Hrs	Sem	Grade
<b>Communication &amp; Information Literacy (12 hours)<sup>1</sup></b>				
ENGL 101	Composition & Rhetoric	3	_____	_____
_____	Communications Elective	3	_____	_____
_____	Information Literacy Elective	3	_____	_____
_____	Information Literacy Elective	3	_____	_____
<b>Technological Solutions &amp; Quantitative Reasoning (4-7 hours)<sup>1</sup></b>				
UNIV 101	Foundational Skills	1	_____	_____
MATH _____	Math Elective (MATH 114 or higher)	3	_____	_____
_____	Technology Competency <sup>2</sup>	0-3	_____	_____
<b>Critical Thinking (5 hours)<sup>1</sup></b>				
RLGN 105	Intr Bwvw/Contemp Moral Issues <sup>3</sup>	2	_____	_____
_____	Critical Thinking Elective	3	_____	_____
<b>Civic &amp; Global Engagement (5 hours)<sup>1</sup></b>				
EVAN 101	Evangelism & Christian Life <sup>3</sup>	2	_____	_____
_____	Cultural Studies Elective	3	_____	_____
<b>Social &amp; Scientific Inquiry (6 hours)<sup>1</sup></b>				
_____	Natural Science Elective	3	_____	_____
_____	Social Science Elective	3	_____	_____
<b>Christianity &amp; Contexts (8 hours)<sup>1</sup></b>				
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	_____	_____

Course		Hrs	Sem	Grade
<b>Major Foundational Courses (19-27 hours)</b>				
BIOL 224	General Biology I <sup>4</sup>	4	_____	_____
CHEM _____	_____	4 <sup>4,5</sup>	_____	_____
CHEM _____	_____	4 <sup>4,6</sup>	_____	_____
MATH 126	Elementary Calculus for Business & Sci <sup>4</sup>			
or MATH 131	Calculus & Analytic Geometry I <sup>4</sup>	3-4	_____	_____
MATH 201	Introduction to Probability & Statistics <sup>4</sup>			
or MATH 211	Introduction to Statistical Analysis <sup>4</sup>	3	_____	_____
PHYS 201	General Physics I <sup>4</sup>			
or PHYS 231	University Physics I <sup>4</sup>	4	_____	_____
PHYS 202	General Physics II <sup>4</sup>			
or PHYS 232	University Physics II <sup>4</sup>	4	_____	_____

### MAJOR

Course		Hrs	Sem	Grade
<b>Core (45-47 hours)</b>				
BIOL 225	General Biology II	4	_____	_____
BIOL 301	Genetics	4	_____	_____
BIOL 310	Ecology	4	_____	_____
BIOL 400	Biology Seminar	1	_____	_____
BIOL 416	Comparative Animal Physiology	4	_____	_____
BIOL _____	Biology Elective <sup>7</sup>	-	_____	_____
BIOL _____	Biology Elective <sup>7</sup>	-	_____	_____
BIOL _____	Biology Elective <sup>7</sup>	-	_____	_____
BIOL _____	Biology Elective <sup>8</sup>	3-4	_____	_____
CHEM 301	Organic Chemistry I	4	_____	_____
CHEM 302	Organic Chemistry II	4	_____	_____
CRST 290	History of Life			
or CRST 390	Origins	3	_____	_____
_____	_____	4 <sup>9</sup>	_____	_____

### FREE ELECTIVES (3-16 hours)

_____	_____	-	_____	_____
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### **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 and 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 CHEM 121 OR CHEM 131 and 135

<sup>6</sup>Choose CHEM 122 OR CHEM 132 and 136

<sup>7</sup>Choose a 300-400 level BIOL course not already required in the major: 10-11 credits required

<sup>8</sup>Choose BIOL 305, 320, 321, 371, 408, 418, or 419

<sup>9</sup>Choose from BCHM 451, BIOL 303, 403, 415, or 420

*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	
ENGL 101	3	RLGN 105	2
UNIV 101	1	Information Literacy Elective <sup>1</sup>	3
Natural Science Elective <sup>1</sup> [BIOL 224]	4	MATH Elective <sup>1</sup> [MATH 201 <u>or</u> 211]	3
MATH 126 <u>or</u> 131	3-4	BIOL 225	4
CHEM Elective(s) <sup>2</sup>	4	CHEM Elective(s) <sup>3</sup>	4
CSER	<u>0</u>	CSER	<u>0</u>
Total	15-16	Total	16

### SOPHOMORE YEAR

BIOL 301	4	EVAN 101	2
CHEM 301	4	THEO 201	2
Information Literacy Elective <sup>1</sup>	3	Critical Thinking Elective <sup>1</sup>	3
Technology Competency <sup>4</sup>	0-3	CHEM 302	4
Elective	3	Biology Elective <sup>5</sup>	3-4
CSER	<u>0</u>	CSER	<u>0</u>
Total	14-17	Total	14-15

### JUNIOR YEAR

BIBL 105	2	BIBL 110	2
Communications Elective <sup>1</sup>	3	PHYS 202 <u>or</u> 232	4
Cultural Studies Elective <sup>1</sup>	3	Biology Elective <sup>6</sup>	3-4
PHYS 201 <u>or</u> 231	4	Biology Elective <sup>6</sup>	4
BIOL 310	4	Elective	2
CSER	<u>0</u>	CSER	<u>0</u>
Total	16	Total	15-16

### SENIOR YEAR

THEO 202	2	Biology Elective <sup>6</sup>	4
Social Sciences Elective <sup>1</sup>	3	Elective <sup>7</sup>	4
BIOL 400	1	Elective	3
BIOL 416	4	Elective	3
CRST 290 or CRST 390	3	CSER	<u>0</u>
Elective	2	Total	14
CSER	<u>0</u>		
Total	15		

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