

**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	_____

#### 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 (5 hours)<sup>1</sup>

RLGN 105	Intr Bwv/Contemp Moral Issues <sup>3</sup>	2	_____
_____	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 <sup>4</sup>	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	_____

Course	Hrs	Sem	Grade
<b>Major Foundational Courses (19-27 hours)</b>			
BIOL 224	General Biology I <sup>5</sup>	4	_____
CHEM _____	_____	5,6	4
CHEM _____	_____	5,7	4
MATH 201	Introduction to Probability & Statistics <sup>5</sup>		
or MATH 211	Introduction to Statistical Analysis <sup>5</sup>	3	_____
MATH 126	Elementary Calc. for Business & Sci. <sup>5</sup>		
or MATH 131	Calculus & Analytic Geometry I <sup>5</sup>	3-4	_____
PHYS 201	General Physics I <sup>5</sup>		
or PHYS 231	University Physics I <sup>5</sup>	4	_____
PHYS 202	General Physics II <sup>5</sup>		
or PHYS 232	University Physics II <sup>5</sup>	4	_____

#### MAJOR

<b>Core (42-47 hours)</b>			
BCHM 450	Medical Biochemistry		
or BCHM 451	Biochemistry I	3-4	_____
BIOL 225	General Biology II	4	_____
BIOL 301	Genetics	4	_____
BIOL 313	Clinical Human Anatomy		
or BIOL 385	Advanced Human Physiology	3	_____
BIOL 400	Biology Seminar	1	_____
BIOL 415	Cell Biology	4	_____
CHEM 301	Organic Chemistry I	4	_____
CHEM 302	Organic Chemistry II	4	_____
CRST 290	History of Life		
or CRST 390	Origins	3	_____
_____	_____	8	_____
_____	_____	8	_____
_____	_____	8	_____
_____	_____	8	_____

#### Cognate (11-14 hours)

BIOL 214	Human Anatomy & Physiology I Lab	1	_____
BIOL 216	Human Anatomy & Physiology II Lab	1	_____
BIOL 499	Internship	3-6	_____
PSYC _____	_____	9,10	3
PSYC _____	_____	9,10	3

#### FREE ELECTIVES (0-8 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>PSYC 101 is strongly recommended

<sup>5</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>6</sup>Choose CHEM 121 *OR* CHEM 131 and 135

<sup>7</sup>Choose CHEM 122 *OR* CHEM 132 and 136

<sup>8</sup>Choose from BCHM 452, BIOL 303, 305, 313, 316, 321, 330, 385, 403, 416, 420, or 435

<sup>9</sup>Choose any 200-400 level PSYC course, except for PSYC 354.

<sup>10</sup>PSYC 210 or 430 are strongly recommended

*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 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	RLGN 105	2
MATH 126 <u>or</u> 131	3-4	CHEM Elective(s) <sup>3</sup>	4
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
CHEM Elective(s) <sup>2</sup>	4	BIOL 225	4
CSER	<u>0</u>	CSER	<u>0</u>
Total 15-16		Total 16	

### SOPHOMORE YEAR

Communications Elective <sup>1</sup>	3	BIBL 105	2
Technology Competency <sup>4</sup>	0-3	Critical Thinking Elective <sup>1</sup>	3
BIOL 301	4	BIOL 415	4
CHEM 301	4	CHEM 302	4
Elective	2	CRST 290 or CRST 390	3
CSER	<u>0</u>	CSER	<u>0</u>
Total 13-16		Total 16	

### JUNIOR YEAR

PHYS 201 <u>or</u> PHYS 231	4	BIBL 110	2
Social Sciences Elective <sup>1,5</sup>	3	PHYS 202 <u>or</u> 232	4
BCHM 450 or 451	3-4	BIOL 216	1
BIOL 214	1	Biomedical Elective <sup>6</sup>	3-4
BIOL 313 <u>or</u> 385	3	PSYC Elective <sup>7,8</sup>	3
Elective	3	Elective	3
CSER	<u>0</u>	CSER	<u>0</u>
Total 17-18		Total 16-17	

### SENIOR YEAR

EVAN 101	2	THEO 202	2
THEO 201	2	Cultural Studies Elective <sup>1</sup>	3
BIOL 400	1	Information Literacy Elective <sup>1</sup>	3
Biomedical Elective <sup>6</sup>	3-4	BIOL 499	3-6
Biomedical Elective <sup>6</sup>	3-4	Biomedical Elective <sup>6</sup>	3-4
PSYC Elective <sup>7,8</sup>	3	CSER	<u>0</u>
CSER	<u>0</u>	Total 14-18	
Total 14-16			

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<sup>7</sup>Choose any 200-400 level PSYC course, except for PSYC 354.

<sup>8</sup>PSYC 210 or 430 are strongly recommended