

**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
<b>Communication &amp; Information Literacy (13 hours)<sup>1</sup></b>			
ENGL 101	3	_____	_____
INQR 101	1	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____

#### Technological Solutions & Quantitative Reasoning (5-8 hours)<sup>1</sup>

UNIV 101	1	_____	_____
MATH _____	4	_____	_____
_____	0-3	_____	_____

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

RLGN 105	2	_____	_____
RSCH 201	3	_____	_____
_____	3	_____	_____

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

EVAN 101	2	_____	_____
_____	3	_____	_____

#### Social & Scientific Inquiry (7 hours)<sup>1</sup>

_____	4	_____	_____
_____	3	_____	_____

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

BIBL 105	2	_____	_____
BIBL 110	2	_____	_____
THEO 201	2	_____	_____
THEO 202	2	_____	_____

#### Major Foundational Courses (4-15 hours)

Course	Hrs	Sem	Grade
ENGR 270	3	_____	_____
MATH 131	4	_____	_____
MATH 132	4	_____	_____
PHYS 231	4	_____	_____

### MAJOR

Course	Hrs	Sem	Grade
<b>Core (59 hours)</b>			
CSIS 111	3	_____	_____
ENGC 361	3	_____	_____
ENGE 201	3	_____	_____
ENGE 211	4	_____	_____
ENGE 212	4	_____	_____
ENGE 311	3	_____	_____
ENGE 312	3	_____	_____
ENGE 321	4	_____	_____
ENGE 331	4	_____	_____
ENGE 341	3	_____	_____
ENGE 411	3	_____	_____
ENGE 421	3	_____	_____
ENGI 220	3	_____	_____
ENGR 102	1	_____	_____
ENGR 110	3	_____	_____
ENGR 381	3	_____	_____
ENGR 481	3	_____	_____
ENGR 482	3	_____	_____
_____	6	_____	_____
<b>Technical Electives (3 hours)<sup>7,8</sup></b>			
_____	_____	_____	_____

#### Quantitative Studies (21 hours)

ENGR 133	1	_____	_____
ENGR 210	3	_____	_____
MATH 221	3	_____	_____
MATH 231	4	_____	_____
MATH 250	3	_____	_____
MATH 334	3	_____	_____
PHYS 232	4	_____	_____

### 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 & 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>Minimum grade of "C" is required

<sup>6</sup>Choose from: ENGC 465, ENGE 351 or ENGE 431

<sup>7</sup>Select from the list of Approved Engineering Technical Elective Courses

<sup>8</sup>ENGR 495 (Directed Research) is strongly recommended

*Suggested Course Sequence on second page*

Graduation Requirements	
133	Total Hours
2.0	Overall grade point average
33.25	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, including technical electives and quantitative studies, taken through Liberty University
33.25	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	BIBL 105	2
MATH 131 <sup>1</sup>	4	INQR 101	1
RLGN 105	2	Communications Elective <sup>3</sup> [ENGR 270]	3
UNIV 101	1	Mathematics Elective <sup>3</sup> [MATH 132 <sup>1</sup> ]	4
Technology Competency <sup>2</sup>	0-3	Natural Science Elective <sup>3</sup> [PHYS 231 <sup>1</sup> ]	4
ENGR 102	1	ENGI 220	3
ENGR 110	3	CSER	<u>0</u>
ENGR 133	1		Total 17
CSER	<u>0</u>		
	Total 15-18		

### SOPHOMORE YEAR

RSCH 201	3	ENGE 201	3
CSIS 111	3	ENGE 212	4
ENGE 211	4	MATH 221	3
MATH 231	4	MATH 334	3
MATH 250	3	PHYS 232	4
CSER	<u>0</u>	CSER	<u>0</u>
	Total 17		Total 17

### JUNIOR YEAR

BIBL 110	2	THEO 201	2
EVAN 101	2	Information Literacy Elective <sup>3</sup>	3
ENGE 311	3	ENGE 312	3
ENGE 321	4	ENGE 341	3
ENGE 331	4	ENGE 421	3
ENGR 210	3	ENGR 381	3
CSER	<u>0</u>	CSER	<u>0</u>
	Total 18		Total 17

### SENIOR YEAR

THEO 202	2	Cultural Studies Elective <sup>3</sup>	3
Critical Thinking Elective <sup>3</sup>	3	Information Literacy Elective <sup>3</sup>	3
ENGC 361	3	Social Science Elective <sup>3</sup>	3
ENGC 465	3	ENGR 482	3
( <u>OR</u> ENGE 351 <u>OR</u> ENGE 431 in Spring)		Technical Elective <sup>4, 5</sup>	3
ENGE 411	3	CSER	<u>0</u>
ENGR 481	3		Total 15
CSER	<u>0</u>		
	Total 17		

**Notes**

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<sup>3</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>4</sup>Select from the list of Approved Engineering Technical Elective Courses

<sup>5</sup>ENGR 495 (Directed Research) is strongly recommended