

Important: This degree plan is effective for those starting this degree program in fall 2022 through summer 2023. 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
Communication & Information Literacy (13 hours)¹			
ENGL 101	3	_____	_____
INQR 101	1	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____

Technological Solutions & Quantitative Reasoning (5-8 hours)¹

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

Critical Thinking (8 hours)¹

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

Civic & Global Engagement (5 hours)¹

EVAN 101	2	_____	_____
_____	3	_____	_____

Social & Scientific Inquiry (7 hours)¹

_____	4	_____	_____
_____	3	_____	_____

Christianity & Contexts (8 hours)¹

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

Course	Hrs	Sem	Grade
Major Foundational Courses (4-15 hours)			
ENGR 270	3	_____	_____
MATH 131	4	_____	_____
MATH 132	4	_____	_____
PHYS 231	4	_____	_____

MAJOR

Course	Hrs	Sem	Grade
Core (64 hours)			
CHEM 121	4	_____	_____
ENGI 220	3	_____	_____
ENGM 310	3	_____	_____
ENGM 350	3	_____	_____
ENGM 375	2	_____	_____
ENGM 415	3	_____	_____
ENGM 445	4	_____	_____
ENGR 102	1	_____	_____
ENGR 110	3	_____	_____
ENGR 125	1	_____	_____
ENGR 235	3	_____	_____
ENGR 240	3	_____	_____
ENGR 313	4	_____	_____
ENGR 315	3	_____	_____
ENGR 330	3	_____	_____
ENGR 360	3	_____	_____
ENGR 381	3	_____	_____
ENGR 385	3	_____	_____
ENGR 405	3	_____	_____
ENGR 481	3	_____	_____
ENGR 482	3	_____	_____
PHYS 320	3	_____	_____

Technical Electives (6 hours)^{6,7}

_____	_____	_____	_____
_____	_____	_____	_____

Quantitative Studies (15 hours)

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

Notes

All applicable prerequisites must be met

¹Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

²All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information

³Students 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

⁴Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened

⁵Minimum grade of "C" is required

⁶Select from the list of Approved [Engineering Technical Elective Courses](#)

⁷ENGR 495 (Directed Research) is strongly recommended

Suggested Course Sequence on second page

Graduation Requirements

135 Total Hours

2.0 Overall grade point average

33.75 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

33.75 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

<u>First Semester</u>		<u>Second Semester</u>	
ENGL 101	3	BIBL 105	2
MATH 131 ¹	4	INQR 101	1
RLGN 105	2	Communications Elective ³ [ENGR 270]	3
UNIV 101	1	Mathematics Elective ³ [MATH 132 ¹]	4
Technology Competency ²	0-3	Natural Science Elective ³ [PHYS 231 ¹]	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

BIBL 110	2	RSCH 201	3
CHEM 121	4	ENGM 310	3
ENGR 125	1	ENGR 210	3
ENGR 235	3	ENGR 240	3
MATH 231 ¹	4	MATH 334	3
PHYS 232	4	PHYS 320	3
CSER	<u>0</u>	CSER	<u>0</u>
	Total 18		Total 18

JUNIOR YEAR

THEO 201	2	THEO 202	2
Information Literacy Elective ³	3	Critical Thinking Elective ³	3
ENGR 315	3	ENGM 350	3
ENGR 360	3	ENGM 375	2
ENGR 385	3	ENGR 330	3
Technical Elective ⁴	3	ENGR 381	3
CSER	<u>0</u>	CSER	<u>0</u>
	Total 17		Total 16

SENIOR YEAR

EVAN 101	2	Information Literacy Elective ³	3
Cultural Studies Elective ³	3	Social Science Elective ³	3
ENGM 415	3	ENGR 313	4
ENGR 405	3	ENGM 445	4
ENGR 481	3	ENGR 482	3
Technical Elective ^{4,5}	3	CSER	<u>0</u>
CSER	<u>0</u>		Total 17
	Total 17		

Notes

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