

Important: This degree plan is effective for those starting this degree program in fall 2018 through summer 2019. 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/

CORE COMPETENCY REQUIREMENTS (46-49 hours)

Course	Hrs	Sem	Grade
Communication (6 hours)¹			
ENGL 101	3	_____	_____
_____	3	_____	_____

Math, Science & Technology (9-12 hours)¹			
MATH _____	4	_____	_____
_____	4	_____	_____
_____	0-3	_____	_____
UNIV 101	1	_____	_____

Information Literacy (7 hours)¹			
INQR 101	1	_____	_____
_____	3	_____	_____
_____	3	_____	_____

Critical Thinking (12 hours)¹			
RSCH 201	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____

Christian Life & Thought (12 hours)^{1,3}			
BIBL 105	2	_____	_____
BIBL 110	2	_____	_____
EVAN 101	2	_____	_____
RLGN 105	2	_____	_____
THEO 201	2	_____	_____
THEO 202	2	_____	_____

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

MAJOR

Course	Hrs	Sem	Grade
Core (65 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	4	_____	_____
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 core competency 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

⁴Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable

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

136 Total Hours

2.0 Overall grade point average

34 Hours must be upper-level courses (300-400 level)

Grade of 'C' Minimum required for all upper-level courses in the major

50% Of major, including technical electives and quantitative studies, taken through Liberty University

34 Hours must be completed through Liberty University

Grad App Submission of Graduation 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

EVAN 101	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

Composition Elective ³	3	BIBL 110	2
ENGM 350	3	Literature OR Philosophy Elective ³	3
ENGR 313	4	ENGM 375	2
ENGR 315	3	ENGR 330	4
ENGR 360	3	ENGR 381	3
CSER	<u>0</u>	ENGR 385	3
	Total 16	CSER	<u>0</u>
			Total 17

SENIOR YEAR

THEO 201	2	THEO 202	2
Cultural Studies Elective ³	3	Information Literacy Elective ³	3
ENGM 415	3	Social Science Elective ³	3
ENGR 405	3	ENGM 445	4
ENGR 481	3	ENGR 482	3
Technical Elective ⁴	3	Technical Elective ^{4,5}	3
CSER	<u>0</u>	CSER	<u>0</u>
	Total 17		Total 18

Notes

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