

Important: This degree plan is effective for those starting this degree program in fall 2021 through summer 2022. 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 (44-47 hours)

Course	Hrs	Sem	Grade
Communication & Information Literacy (13 hours)¹			
ENGL 101	Composition & Rhetoric	3	_____
INQR 101	Inquiry 101	1	_____
_____	Communications Elective	3	_____
_____	Information Literacy Elective	3	_____
_____	Information Literacy Elective	3	_____

Technological Solutions & Quantitative Reasoning (4-7 hours)¹

UNIV 101	Foundational Skills	1	_____
MATH _____	Math Elective (MATH 114 or higher)	3	_____
_____	Technology Competency ²	0-3	_____

Critical Thinking (8 hours)¹

RLGN 105	Intr Bwvw/Contemp Moral Issues ³	2	_____
RSCH 201	Research 201	3	_____
_____	Critical Thinking Elective	3	_____

Civic & Global Engagement (5 hours)¹

EVAN 101	Evangelism & Christian Life ³	2	_____
_____	Cultural Studies Elective	3	_____

Social & Scientific Inquiry (6 hours)¹

_____	Natural Science Elective	3	_____
_____	Social Science Elective	3	_____

Christianity & Contexts (8 hours)¹

BIBL 105	Old Testament Survey	2	_____
BIBL 110	New Testament Survey	2	_____
THEO 201	Theology Survey I ³	2	_____
THEO 202	Theology Survey II ³	2	_____

Major Foundational Courses (19-27 hours)

Course	Hrs	Sem	Grade
BIOL 224	General Biology I ^{4,5}	4	_____
CHEM _____	_____	4 ^{5,6}	_____
CHEM _____	_____	4 ^{5,7}	_____
MATH 126	Elementary Calculus for Business & Sci ^{4,5}	3-4	_____
or MATH 131	Calculus & Analytic Geometry I ^{4,5}	3-4	_____
MATH 201	Introduction to Probability & Statistics ^{4,5}	3	_____
or MATH 211	Introduction to Statistical Analysis ^{4,5}	3	_____
PHYS 201	General Physics I ^{4,5}	4	_____
or PHYS 231	University Physics I ^{4,5}	4	_____
PHYS 202	General Physics II ^{4,5}	4	_____
or PHYS 232	University Physics II ^{4,5}	4	_____

MAJOR

Course	Hrs	Sem	Grade
Core (55 hours)			
BCHM 451	Biochemistry I	4	_____
BCHM 452	Biochemistry II	4	_____
BIOL 225	General Biology II	4	_____
or BIOL 317	Botany	4	_____
BIOL 301	Genetics	4	_____
BIOL 303	Microbiology	4	_____
BIOL 400	Biology Seminar	1	_____
BIOL 415	Cell Biology	4	_____
BIOL 455	Molecular Techniques	3	_____
CHEM 301	Organic Chemistry I	4	_____
CHEM 302	Organic Chemistry II	4	_____
CHEM 321	Analytical Chemistry	4	_____
CHEM 461	Physical Chemistry I	3	_____
CHEM 462	Physical Chemistry II	3	_____
CHEM 465	Physical Chemistry I Lab	1	_____
CHEM 466	Physical Chemistry II Lab	1	_____
CRST 290	History of Life	3	_____
or CRST 390	Origins	3	_____
MATH 132	Calculus & Analytic Geometry II	4	_____

FREE ELECTIVES (0-2 hours)

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 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

⁴MATH 131, 211, PHYS 231 and 232 are strongly recommended

⁵Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened

⁶Choose CHEM 121 OR CHEM 131 and 135

⁷Choose CHEM 122 OR CHEM 132 and 136

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
INQR 101	1	CHEM Elective(s) ⁴	4
UNIV 101	1	Information Literacy Elective ¹	3
Natural Science Elective ¹ [BIOL 224]	4	BIOL 225 <u>or</u> 317	4
CHEM Elective(s) ²	4	MATH 132	4
MATH 126 <u>or</u> 131 ³	3-4	CSER	<u>0</u>
CSER	<u>0</u>	Total	17
Total 16-17			

SOPHOMORE YEAR

EVAN 101	2	Communications Elective ¹	3
RSCH 201	3	Critical Thinking Elective ¹	3
MATH Elective ¹ [MATH 201 <u>or</u> 211 ³]	3	Technology Competency ⁵	0-3
BIOL 301	4	BIOL 415	4
CHEM 301	4	CHEM 302	4
CSER	<u>0</u>	CSER	<u>0</u>
Total 16		Total	14-17

JUNIOR YEAR

Information Literacy Elective ¹	3	THEO 201	2
PHYS 201 <u>or</u> 231 ³	4	PHYS 202 <u>or</u> 232 ³	4
BCHM 451	4	BCHM 452	4
CHEM 321	4	BIOL 400	1
CSER	<u>0</u>	BIOL 455	3
Total 15		CSER	<u>0</u>
		Total	14

SENIOR YEAR

BIBL 110	2	BIBL 105	2
THEO 202	2	Cultural Studies Elective ¹	3
Social Sciences Elective ¹	3	BIOL 303	4
CHEM 461	3	CHEM 462	3
CHEM 465	3	CHEM 466	1
CRST 290 <u>or</u> CRST 390	3	CSER	<u>0</u>
CSER	<u>0</u>	Total	13
Total 16			

Notes

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²Choose CHEM 121 OR CHEM 131 and 135

³MATH 131, 211, PHYS 231 and 232 are strongly recommended

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