

Important: This degree plan is effective for those starting this degree program in fall 2017 through summer 2018. 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 (44-47 hours)

Course		Hrs	Sem	Grade	Course		Hrs	Sem	Grade
Communication (6 hours)¹					Major Foundational Courses (20-27 hours)⁴				
ENGL 101	Composition & Rhetoric	3	_____	_____	BIOL 224	General Biology I	4	_____	_____
_____	Communications Elective	3	_____	_____	CHEM 121	General Chemistry I	4	_____	_____
Math, Science & Technology (7-10 hours)¹					CHEM 122	General Chemistry II	4	_____	_____
MATH _____	Math Elective (MATH 114 or higher)	3	_____	_____	MATH 126	Elementary Calculus for Business & Sci			
_____	Natural Science Elective	3	_____	_____	or MATH 131	Calculus & Analytic Geometry I ⁵	3-4	_____	_____
_____	Technology Competency ²	0-3	_____	_____	MATH 201	Introduction to Probability & Statistics			
UNIV 101	University Core Competencies	1	_____	_____	or MATH 211	Introduction to Statistical Analysis ⁵	3	_____	_____
Information Literacy (7 hours)¹					PHYS 201	General Physics I			
INQR 101	Inquiry 101	1	_____	_____	or PHYS 231	University Physics I ⁵	4	_____	_____
_____	Composition Elective	3	_____	_____	PHYS 202	General Physics II			
_____	Information Literacy Elective	3	_____	_____	or PHYS 232	University Physics II ⁵	4	_____	_____
Critical Thinking (12 hours)¹					MAJOR				
RSCH 201	Research 201	3	_____	_____	<u>Core (46-48 hours)</u>				
_____	Literature OR Philosophy Elective	3	_____	_____	BCHM 451	Biochemistry I	4	_____	_____
_____	Social Science Elective	3	_____	_____	BCHM 452	Biochemistry II			
_____	Cultural Studies Elective	3	_____	_____	or CHEM 497	Special Topics in Chemistry	4	_____	_____
Christian Life & Thought (12 hours)^{1,3}					CHEM 301	Organic Chemistry I	4	_____	_____
BIBL 105	Old Testament Survey	2	_____	_____	CHEM 302	Organic Chemistry II	4	_____	_____
BIBL 110	New Testament Survey	2	_____	_____	CHEM 321	Analytical Chemistry	4	_____	_____
EVAN 101	Evangelism & Christian Life	2	_____	_____	CHEM 322	Instrumental Analysis	4	_____	_____
RLGN 105	Intr Bwww/Contemp Moral Issues	2	_____	_____	CHEM 400	Chemistry Seminar	1	_____	_____
THEO 201	Theology Survey I	2	_____	_____	CHEM 461	Physical Chemistry I	3	_____	_____
THEO 202	Theology Survey II	2	_____	_____	CHEM 462	Physical Chemistry II	3	_____	_____

CHEM 465	Physical Chemistry I Lab	1	_____	_____
CHEM 466	Physical Chemistry II Lab	1	_____	_____
CHEM 471	Inorganic Chemistry	4	_____	_____
CHEM 497	Special Topics in Chemistry	3-4	_____	_____
CRST 290	History of Life			
or CRST 390	Origins	2-3	_____	_____
MATH 132	Calculus & Analytic Geometry II	4	_____	_____
FREE ELECTIVES (0-10 hours)				
_____	_____	-	_____	_____
_____	_____	-	_____	_____
_____	_____	-	_____	_____

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
50%	Of major taken through Liberty University
30	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

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 <http://www.liberty.edu/generalstudies/inft> 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

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

⁵MATH 131, 211, PHYS 231 and 232 are strongly recommended

Suggested Course Sequence on second page

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester	
EVAN 101	2	BIBL 105	2
INQR 101	1	ENGL 101	3
UNIV 101	1	RLGN 105	2
Natural Science Elective ¹ [CHEM 121]	4	Technology Competency ²	0-3
MATH 126 <u>or</u> 131	3-4	CHEM 122	4
BIOL 224	4	MATH 132	4
CSER	<u>0</u>	CSER	<u>0</u>
Total	15-16	Total	15-18

SOPHOMORE YEAR

RSCH 201	3	THEO 201	2
Communications Elective ¹	3	Information Literacy Elective ¹	3
MATH Elective ¹ [MATH 201 <u>or</u> 211]	3	Literature <u>or</u> Philosophy Elective ¹	3
PHYS 201 <u>or</u> 231	4	PHYS 202 <u>or</u> 232 ²	4
CHEM 301	4	CHEM 302	4
CSER	<u>0</u>	CSER	<u>0</u>
Total	17	Total	16

JUNIOR YEAR

Cultural Studies Elective ¹	3	THEO 202	2
CHEM 321	4	CHEM 322 ⁴	4
CHEM 461 ⁴	3	CHEM 462 ⁴	3
CHEM 465 ⁴	1	CHEM 497	3-4
Elective	3	CSER	<u>0</u>
CSER	<u>0</u>	Total	12-13
Total	14		

SENIOR YEAR

BCHM 451	4	Composition Elective ¹	3
CHEM 466 ⁴	1	BCHM 452 <u>or</u> CHEM 497	4
CHEM 471 ⁴	4	CHEM 400	1
CRST 290 <u>or</u> 390	2-3	Elective	3
Elective	3	Elective	3
CSER	<u>0</u>	CSER	<u>0</u>
Total	14-15	Total	14

Notes

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²MATH 131, 211, PHYS 231 and 232 are strongly recommended

³All students must pass the Computer Assessment OR complete applicable INFT course; refer to <http://www.liberty.edu/generalstudies/inft> for more information

⁴CHEM 461/465 and CHEM 462/466 will be offered in alternate years with CHEM 471 and CHEM 322. Students should take whichever part of the set is offered in their junior year and take the alternate set the following year