LIBERTY UNIVERSITY

Bachelor of Science in Biomedical Sciences

2018-2019 Degree Completion Plan

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/

Course		Hrs Sem	Grade	Course		Hrs	Sem	Grade
Communica	tion (6 hours) ¹			Major Found	lational Courses (19-27 hours) ⁵			
ENGL 101	Composition & Rhetoric	3		BIOL 224	General Biology I	4		
	Communications Elective	3		CHEM	6	4		
				CHEM	7	4		
Math, Scien	ce & Technology (7-10 hours) ¹			MATH 201	Introduction to Probability & Statistics			
MATH	Math Elective (MATH 114 or higher)	3		or MATH 211	Introduction to Statistical Analysis	3		
	Natural Science Elective	3		MATH 126	Elementary Calc. for Business & Sci.			
	Technology Competency ²	0-3		or MATH 131	Calculus & Analytic Geometry I	3-4		
UNIV 101	University Core Competencies	1		PHYS 201	General Physics I			
				or PHYS 231	University Physics I	4		
Information	Literacy (7 hours) ¹			PHYS 202	General Physics II			
INQR 101	Inquiry 101	1		<u>or</u> PHYS 232	University Physics II	4		
	Composition Elective	3						
	Information Literacy Elective	3		MAJOR				
					<u>Core</u> (41-47 hours)			
Critical Thi	nking (12 hours) ¹			BCHM 450	Medical Biochemistry			
RSCH 201	Research 201	3		or BCHM 451	Biochemistry I	3-4		
	Literature OR Philosophy Elective	3		BIOL 225	General Biology II	4		
	Social Science Elective ³	3		BIOL 301	Genetics	4		
	Cultural Studies Elective	3		BIOL 313	Clinical Human Anatomy			
				<u>or</u> BIOL 385	Advanced Human Physiology	3		
Christian Li	ife & Thought (12 hours) ^{1,4}			BIOL 400	Biology Seminar	1		
BIBL 105	Old Testament Survey	2		BIOL 415	Cell Biology	4		
BIBL 110	New Testament Survey	2		CHEM 301	Organic Chemistry I	4		
EVAN 101	Evangelism & Christian Life	2		CHEM 302	Organic Chemistry II	4		
RLGN 105	Intr Bwvw/Contemp Moral Issues	2		CRST 290	History of Life			
THEO 201	Theology Survey I	2		<u>or</u> CRST 390	Origins	2-3		
THEO 202	Theology Survey II	2			8	_		
					8			

FREE ELECTIVES (0-16 hours)

	Notes
	All applicable prerequisites must be met
	¹ Refer to the list of approved general education electives at <u>www.liberty.edu/gened</u>
	before enrolling in core competency requirements
	² All students must pass the Computer Assessment OR complete applicable INFT course
	refer to www.liberty.edu/computerassessment for more information
Graduation Requirements	³ PSYC 101 is strongly recommended
120 Total Hours	⁴ Students transferring in 45 or more UG credit hours will have the requirements of RLGN
2.0 Overall grade point average	105 and EVAN 101 waived; Students transferring in 60 or more UG credit hours will also
30 Hours must be upper-level courses (300-400 level)	have the requirements of THEO 201 and THEO 202 waived
Grade of 'C' Minimum required for all upper-level courses in the major	⁵ Major Foundational Courses can also fulfill General Education/Core Competency
50% Of major taken through Liberty University	requirements as applicable
30 Hours must be completed through Liberty University	⁶ Choose CHEM 121 <u>OR</u> CHEM 131 and 135
Grad App Submission of Graduation Application must be completed within the	⁷ Choose CHEM 122 <u>OR</u> CHEM 132 and 136
last semester of a student's anticipated graduation date	⁸ Choose from BCHM 452, BIOL 303, 305, 313, 316, 321, 330, 385, 403, 416, 420 or 435
CSER All requirements must be satisfied before a degree will be awarded	Suggested Course Sequence on second page

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SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester	
EVAN 101	2	ENGL 101	3
INQR 101	1	MATH Elective ¹ [MATH 201 or 211]	3
UNIV 101	1	BIOL 225	4
Natural Science Elective ¹ [BI	OL 224] 4	CHEM Elective(s) ³	4
RLGN 105	2	CRST 290 or CRST 390	2-3
MATH 126 <u>or</u> 131	3-4	CSER	<u>0</u>
CHEM Elective(s) ²	4	Tota	1 16-17
CSER	<u>0</u>		
	Total 17-18		

SOPHOMORE YEAR

RSCH 201	3	THEO 201	2
Communications Elective ¹	3	Information Literacy Elective ¹	3
Technology Competency ⁴	0-3	Literature or Philosophy Elective ¹	3
BIOL 301	4	BIOL 415	4
CHEM 301	4	CHEM 302	4
CSER	<u>0</u>	CSER	<u>0</u>
	Total 14-17	Tota	l 16

JUNIOR YEAR

BIBL 110	2	BIBL 105	2
Composition Elective ¹	3	THEO 202	2
PHYS 201 or PHYS 231	4	Social Sciences Elective ^{1,5}	3
BCHM 450 or 451	3-4	PHYS 202 <u>or</u> 232	4
BIOL 313 <u>or</u> 385	3	Biomedical Elective ⁶	3-4
CSER	<u>0</u>	CSER	<u>0</u>
	Total 15-16		Total 14-15

SENIOR YEAR

BIOL 400	1	Cultural Studies Elective ¹	3
Biomedical Elective ⁶	3-4	Biomedical Elective ⁶	3-4
Elective	3	Biomedical Elective ⁶	3-4
Elective	3	Elective	3
Elective	3	Elective	3
CSER	<u>0</u>	CSER	<u>0</u>
	Total 13-14		Total 15-17

Notes

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³Choose CHEM 122 OR CHEM 132 and 136

⁴All students must pass the Computer Assessment OR complete applicable INFT course; refer to <u>www.liberty.edu/computerassessment</u> for more information

⁵PSYC 101 is strongly recommended

⁶Choose from BCHM 452, BIOL 303, 305, 313, 316, 321, 330, 385, 403, 416, 420 or 435