

Bachelor of Science in Biomedical Sciences

2022-2023 Degree Completion Plan

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/

FOUNDAT Course	IONAL SKILLS REQUIREMENTS	(44-47) Hrs	7 hours Sem	<u>)</u> Grade	Course		Hrs	Sem	Grade
			Sem	Grade		(40.05)	1115	Sem	Grau
ENGL 101	tion & Information Literacy (13 hou Composition & Rhetoric	ars) ¹			Major Found BIOL 224	ational Courses (19-27 hours) General Biology I ⁵	4		
INOR 101						5.6	4		
INQK 101	Inquiry 101 Communications Elective	1 3			CHEM	5,7	4		
					CHEM		4		
	Information Literacy Elective	3			MATH 201	Introduction to Probability & Statistics ⁵	2		
	Information Literacy Elective	3			<u>or</u> MATH 211	Introduction to Statistical Analysis ⁵	3		
					MATH 126	Elementary Calc. for Business & Sci. 5			
Technological Solutions & Quantitative Reasoning (4-7 hours) ¹					<u>or</u> MATH 131	Calculus & Analytic Geometry I ⁵	3-4		
UNIV 101	Foundational Skills	1			PHYS 201	General Physics I ⁵			
MATH	`	3			<u>or</u> PHYS 231	University Physics I ⁵	4		
	Technology Competency ²	0-3			PHYS 202	General Physics II ⁵			
					<u>or</u> PHYS 232	University Physics II ⁵	4		
Critical Thi	nking (8 hours) ¹								
RLGN 105	Intr Bwvw/Contemp Moral Issues ³	2			MAJOR				
RSCH 201	Research 201	3				<u>Core</u> (42-47 hours)			
	Critical Thinking Elective	3			BCHM 450	Medical Biochemistry			
					or BCHM 451	Biochemistry I	3-4		
Civic & Global Engagement (5 hours) ¹					BIOL 225	General Biology II	4		
EVAN 101	Evangelism & Christian Life ³	2			BIOL 301	Genetics	4		
	Cultural Studies Elective	3			BIOL 313	Clinical Human Anatomy			
					or BIOL 385	Advanced Human Physiology	3		
Social & Scientific Inquiry (6 hours) ¹				BIOL 400	Biology Seminar	1			
	Natural Science Elective	3			BIOL 415	Cell Biology	4	·	
	Social Science Elective ⁴	3			CHEM 301	Organic Chemistry I	4		
					CHEM 302	Organic Chemistry II	4		
Christianity	& Contexts (8 hours) ¹				CRST 290	History of Life			
BIBL 105	Old Testament Survey	2			or CRST 390	Origins	3		
BIBL 110	New Testament Survey	2				8	-		
THEO 201	Theology Survey I ³	2				8	-		
THEO 202	Theology Survey II ³	2				8	_		
		_				8	_		
							-		
					FDFF FI FC	TIVES (0-15 hours)			
					TREE ELEC	11vE3 (0-13 Hours)			
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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

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

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

Students 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

⁴PSYC 101 is 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 \overline{OR} CHEM 132 and 136

8Choose from BCHM 452, BIOL 303, 305, 313, 316, 321, 330, 385, 403, 416, 420 or 435 Suggested Course Sequence on second page

Revised: 02.08.2022 Effective: Catalog Term 2022-40

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester										
EVAN 101		ENGL 101		3								
INQR 101	1	MATH Elective ¹ [MATH 201	or 2111	3								
UNIV 101	1	BIOL 225	_ ′	4								
Natural Science Elective ¹ [BIOL 22		CHEM Elective(s) ³		4								
RLGN 105	2	CRST 290 or CRST 390		3								
MATH 126 or 131	3-4	CSER		0								
CHEM Elective(s) ²	4	CSER	Total	17								
CSER CSER	0		10441	1,								
	tal 17-18											
SOPHOMORE YEAR												
RSCH 201	3	THEO 201		2								
Information Literacy Elective ¹	3	Communications Elective ¹		3								
Technology Competency ⁴	0-3	Critical Thinking Elective ¹		3								
BIOL 301	4	BIOL 415		4								
CHEM 301	4	CHEM 302		4								
CSER	0	CSER		0								
	<u>∪</u> tal 14-17	CSER	Total	<u>0</u> 16								
10	tai 14-17		Total	10								
JUNIOR YEAR												
BIBL 110	2	BIBL 105		2								
Information Literacy Elective ¹	3	THEO 202		2								
PHYS 201 <u>or</u> 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>								
То	tal 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		2								
CSER	<u>0</u>	CSER		0								
To	tal 13-14		Total	14-16								

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