

Major/Program	Medical Biology
College	Science and Mathematics
Department	Biology
Contact	Jason Lee, Chair

2024-2025

Lander University

4-Year Major Guide

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	BIOM 111		4	BIOL 112		4	
		<i>Scientific and Mathematical Reasoning (General Education)</i>					
	CHEM 111		4	BIOM 199		1	
		<i>Core Academic Skills (General Education)</i>					
	ENGL 101		3	CHEM 112		4	
		<i>General Education</i>					
	LINK 101		1	ENGL 102		3	
		<i>Core Academic Skills (General Education)</i>			<i>Core Academic Skills (General Education)</i>		
	MATH 121 or MATH 123		3	MATH 211		3	
		<i>Core Academic Skills (General Education)</i>			<i>Scientific and Mathematical Reasoning (General Education)</i>		
	Subtotal		15	Subtotal		15	Yearly Totals
							30
Second Year	First Semester			Second Semester			
	BIOL 202		4	BIOL 203		4	
	BIOM 320		3	BIOM 299		1	
				HIST 111R, HIST 112R, OR POLS 101R		3	
		<i>Humanities and Fine Arts (General Education)</i>			<i>Founding Documents (General Education)</i>		
	CHEM 221		4		<i>Behavioral and Social Perspectives (General Education)</i>		
			SOCI 101		3		
	General Education		3	Elective		4	
	Elective		1				
	Subtotal		15	Subtotal		15	Yearly Totals
							30
Third Year	First Semester			Second Semester			
	BIOL 304		3	BIOM 399		1	
	BIOL 312		4	BIOL 401		4	
				CHEM 301		3	
		<i>Humanities and Fine Arts (General Education)</i>					
	General Education		3		<i>Behavioral and Social Perspectives (General Education)</i>		
			Elective		3		
	PSYC 101		3	Elective		3	
		<i>Behavioral and Social Perspectives (General Education)</i>					
	Elective		3				
	Subtotal		16	Subtotal		14	Yearly Totals
							30
Fourth Year	First Semester			Second Semester			
	Major Program Elective		4	BIOL 421		4	
		<i>BIOL or BIOM 300-level or above</i>					
		<i>World Cultures</i>					
	General Education		3	Major Program Elective		3	
					<i>BIOL or BIOM 300-level or above</i>		
	Elective		3	BIOM 499		1	
	Elective		3				
	Elective		3	Elective		3	
				Elective		3	
	Subtotal		16	Subtotal		14	Yearly Totals
							30

Total Hours Required: 120

Notes:
Math 211 is an essential first year course.