

Major/Program	Medical Biology: Pre-Professional
College	Science and Mathematics
Department	Biology
Contact	Dr. Jennifer Yates, Interim Dean

2023-2024

Lander University

4-Year Major Guide

	First Semester	Second Semester	TOTALS
First Year	Course	Notes	Hours
	BIOM111		4
	CHEM 111	<i>Scientific and Mathematical Reasoning (General Education)</i>	4
	ENGL 101	<i>Core Academic Skills (General Education)</i>	3
	LINK 101	<i>General Education</i>	1
	MATH 121 or MATH 123	<i>Core Academic Skills (General Education)</i>	3
	Subtotal		15
	Course	Notes	Hours
	BIOL 112		4
	BIOM 195		1
	CHEM 112		4
	ENGL 102	<i>Core Academic Skills (General Education)</i>	3
	MATH 211	<i>Scientific and Mathematical Reasoning (General Education)</i>	3
	Subtotal		15
		Yearly Totals	30
Second Year	Course	Notes	Hours
	BIOL 202		4
	BIOM 320		3
	CHEM 221		4
	Elective		1
	General Education	<i>Humanities and Fine Arts (General Education)</i>	3
	Subtotal		15
	Course	Notes	Hours
	BIOL 203		4
	BIOM 295		1
	Elective		4
	HIST 111R, HIST 112R, or POLS 101R	<i>Founding Documents (General Education)</i>	3
	SOCI 101	<i>Behavioral and Social Perspectives (General Education)</i>	3
	Subtotal		15
		Yearly Totals	30
Third Year	Course	Notes	Hours
	BIOL 304		3
	BIOL 312		4
	Elective		3
	PHIL 302	<i>Humanities and Fine Arts (General Education)</i>	3
	PSYC 101	<i>Behavioral and Social Perspectives (General Education)</i>	3
	Subtotal		16
	Course	Notes	Hours
	BIOL 401		4
	BIOM 395		1
	CHEM 301		3
	Elective		3
	Elective		3
	Subtotal		14
		Yearly Totals	30
Fourth Year	Course	Notes	Hours
	Elective		3
	Elective		3
	Elective		3
	General Education	<i>World Cultures</i>	3
	Major Program	<i>BIOL or BIOM 300-level or above</i>	4
	Subtotal		16
	Course	Notes	Hours
	BIOL 421		4
	BIOM 499		1
	Elective		3
	Elective		3
	Major Program Elective	<i>BIOL or BIOM 300-level or above</i>	3
	*FALS 101	<i>University Requirement</i>	0
	Subtotal		14
		Yearly Totals	30

* FALS Requirement Temporarily Suspended

Total Hours Required: 120

Notes:

Math 211 is an essential first year course