Major/Program	Medical Biology: Pre-Professional
College	Science and Mathematics
Department	Biology
Contact	Dr. Dave Slimmer, Dean

2022-2023

Lander University
4-Year Major Guide

First Year

First Semester

Course	Notes	Hours
BIOL 111		4
CHEM 111	Scientific and Mathematical Reasoning (General Education)	4
ENGL 101	Core Academic Skills (General Education)	3
LINK 101	General Education	1
MATH 121 or MATH 123	Core Academic Skills (General Education)	3
Subtotal		**15**

Second Semester

Course	Notes	Hours
BIOL 112		4
BIOM 195		1
CHEM 112		4
ENGL 102	Core Academic Skills (General Education)	3
MATH 211	Scientific and Mathematical Reasoning (General Education)	3
Subtotal		**15**

TOTALS

Yearly Totals
30

Second Year

First Semester

Course	Notes	Hours
BIOL 202		4
BIOM 320		3
CHEM 221		4
General Education	Humanities and Fine Arts (General Education)	3
Elective		1
Subtotal		**15**

Second Semester

Course	Notes	Hours
BIOL 203		4
BIOM 295		1
Elective		4
HIST 111 OR POLS 101	Founding Documents (General Education)	3
SOCI 101	Behavioral and Social Perspectives (General Education)	3
Subtotal		**15**

Yearly Totals
30

Third Year

First Semester

Course	Notes	Hours
BIOL 304		3
BIOL 312		4
BIOM 395		1
Elective		3
PSYC 101	Behavioral and Social Perspectives (General Education)	3
Subtotal		**14**

Second Semester

Course	Notes	Hours
BIOL 401		4
Major Program Elective	BIOL or BIOM 300-level or above	3
CHEM 301		3
PHIL 302	Humanities and Fine Arts (General Education)	3
Elective		4
Subtotal		**17**

Yearly Totals
31

Fourth Year

First Semester

Course	Notes	Hours
BIOL 204		4
Major Program Elective	BIOL or BIOM 300-level or above	3
Elective		3
Elective		3
General Education	World Cultures	3
Subtotal		**16**

Second Semester

Course	Notes	Hours
BIOM 499		1
Major Program Elective	BIOL or BIOM 300-level or above	3
Major Program Elective	BIOL or BIOM 300-level or above	3
Elective		3
Elective		3
FALS	University Requirement	0
Subtotal		**13**

Yearly Totals
29

Total Hours Required: **120**

Notes:
MATH 121 or MATH 123, and Math 211 are essential first year courses