

Major/Program	Chemistry, Health Sciences
College	Science and Mathematics
Department	Physical Science
Contact	Dr. Jennifer Yates, Interim Dean

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	
	CHEM 111		4	CHEM 112		4	
	ENGL 101	Core Academic Skills (General Education)	3	CHEM 197		1	
	MATH 123	Core Academic Skills (General Education)	3	CHEM 198		1	
	LINK 101	LINK (General Education)	1	ENGL 102	Core Academic Skills (General Education)	3	
				MATH 211	Scientific and Mathematics (General Education)	3	
	Subtotal		15	Subtotal		16	Yearly Totals 31

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CHEM 221		4	CHEM 222		4	
	CHEM 330		5	CHEM 199		1	
	HIST 111, HIST 112 or	Founding Documents (General Education)	3	CHEM 331		4	
	POLS 101	Behavioral and Social (General Education)	3	General Education	Humanities and Fine Arts (General Education)	3	
	PSYC 101	Behavioral and Social (General Education)	3	SOCI 101	Behavioral and Social (General Education)	3	
	Subtotal		15	Subtotal		15	Yearly Totals 30

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	BIOL 202		4	BIOL 203		4	
	* Emphasis Requirement	see note below	3	Elective		3	
	General Education	Humanities and Fine Arts (General Education)	3	Elective		3	
	PHYS 201 or	Scientific and Mathematics (General Education)	4	General Education	World Cultures (General Education)	3	
	PHYS 211	Scientific and Mathematics (General Education)	4	PHYS 202 or		4	
				PHYS 212		4	
	Subtotal		14	Subtotal		17	Yearly Totals 31

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Fourth Year	CHEM 401		4	CHEM 341		4	
	Elective		3	Elective		3	
	Elective		3	Elective		3	
	* Emphasis Requirement	see note below	3	Elective		2	
				PSCI 499		3	
	Subtotal		13	Subtotal		15	Yearly Totals 28

Total Hours Required: 120

* Emphasis Requirement (choose two of the following): BIOL 204, BIOL 321, BIOM 320, CHEM 301, PEES 310, PHIL 302, and PSYC 203