

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

2023-2024

Lander University

4 - Year Major Guide

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	BIOL 111		4	BIOL 112		4	
	CHEM 111		4	CHEM 112		4	
	MATH 123	Core Academic Skills (General Education)	3	CHEM 197		1	
	ENGL 101	Core Academic Skills (General Education)	3	CHEM 198		1	
	LINK 101	LINK (General Education)	1	MATH 211	Scientific and Mathematics (General Education)	3	
					ENGL 102	Core Academic Skills (General Education)	3
	Subtotal		15	Subtotal		16	Yearly Totals 31
Second Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	CHEM 221		4	CHEM 222		4	
	CHEM 330		5	CHEM 199		1	
	PSYC 101	Behavioral and Social (General Education)	3	CHEM 331		4	
	HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3	SOCI 101	Behavioral and Social (General Education)	3	
	Subtotal		15	General Education	Humanities and Fine Arts (General Education)	3	Yearly Totals 30
Subtotal		15	Subtotal		15		
Third Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	PHYS 201 or PHYS 211	Scientific and Mathematics (General Education)	4	PHYS 202 or PHYS 212		4	
	BIOL 202		4	BIOL 203		4	
	* Emphasis Requirement	see note below	3	General Education	World Cultures (General Education)	3	
	General Education	Humanities and Fine Arts (General Education)	3	Elective		3	
	Subtotal		14	Elective		3	Yearly Totals 31
Subtotal		14	Subtotal		17		
Fourth Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	CHEM 401		4	* Emphasis Requirement		3	
	* Emphasis Requirement	see note below	3	** FALS 101	University Requirement	0	
	Elective		3	PSCI 499		3	
	Elective		3	Elective		3	
	Subtotal		13	Elective		3	Yearly Totals 28
Subtotal		13	Subtotal		15		

Total Hours Required: 120

* Emphasis Requirement (choose three of the following): SPCH 101, PHIL 302, BIOL 204, BIOL 321, PSYC 203, CHEM 301, and PEES 310
 ** FALS Requirement Temporarily Suspended