

Major/Program	Chemistry, Forensic Science
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	ENGL 101	Core Academic Skills (General Education)	3	BIOL 112		4	
	CHEM 101		3	CHEM 112		4	
	CHEM 111		4	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) Scientific and Mathematics (General Education)	3
	Subtotal		14	Subtotal			16
Second Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	CHEM 221		4	CHEM 222		4	
	CHEM 330		5	CHEM 199		1	
	HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3	CHEM 331		4	
PSYC 101	Behavioral and Social (General Education)		3	General Education	Behavioral and Social (General Education)	3	
			3	General Education	Humanities and Fine Arts (General Education)	3	
	Subtotal		15	Subtotal		15	Yearly Totals 30
Third Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	CHEM 260		3	BIOL 312		4	
	Elective		3	CHEM 360		3	
	Elective		3	Elective		3	
General Education	Humanities and Fine Arts (General Education)	3	* Emphasis elective	see note below	3		
PHYS 201 or PHYS 211	Scientific and Mathematics (General Education)	4	General Education	World Cultures	3		
	Subtotal		16	Subtotal		16	Yearly Totals 32
Fourth Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	CHEM 401		4	CHEM 301		3	
	Elective		3	CHEM 341		4	
	Elective		3	Elective		2	
Elective		3	PSCI 499		3		
* Emphasis elective	see note below	3					
	Subtotal		16	Subtotal		12	Yearly Totals 28

Total Hours Required: 120

* Emphasis elective: Choose two of the following: BIOL 421; CHEM 311 or higher; CIS 130 or higher; CRIM 101 or higher; GEOL 111 or higher; POLS 217; PSYC 251; PSYC 304