

Major/Program	Chemistry, Health Sciences
College	Science and Mathematics
Department	Physical Science
Contact	Dave Slimmer, Dean

2019-2020

Lander University 4-Year Major Guide

Can be moved to any semester

	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	
	CHEM 198		1	CHEM 199		1	
	MATH 121 or MATH 123	Core Academic Skills (General Education)	3	MATH 211	Scientific and Mathematical Reasoning (General Education)	3	
	ENGL 101	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
	LINK 101	Core Academic Skills (General Education)	1				
	Subtotal		16	Subtotal		15	→ Yearly Totals 31

	First Semester			Second Semester			Yearly Totals
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CHEM 221		4	CHEM 222		4	
	CHEM 330		5	CHEM 299		1	
	PSYC 101	Behavioral and Social Perspectives (General Education)	3	CHEM 331		4	
	Foreign Language	Core Academic Skills (General Education)	3	SOCI 101	Behavioral and Social Perspectives (General Education)	3	
				General Education	Humanities and Fine Arts (General Education)	3	
		Subtotal		15	Subtotal		15

	First Semester			Second Semester			Yearly Totals
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	PHYS 201 or PHYS 211	Scientific and Mathematical Reasoning (General Education)	4	PHYS 202 or PHYS 212	Elective (General Education)	4	
	BIOL 202		4	BIOL 203		4	
	* Emphasis elective	See note below	3	General Education	Elective (General Education)	3	
	General Education	Humanities and Fine Arts (General Education)	3	General Education	Elective (General Education)	3	
				Elective		3	
		Subtotal		14	Subtotal		17

	First Semester			Second Semester			Yearly Totals
	Course	Notes	Hours	Course	Notes	Hours	
Fourth Year	CHEM 401		4	* Emphasis elective	See note below	3	
	* Emphasis elective	See note below	3	FALS 101	Core Academic Skills (General Education)	0	
	Elective		3	PSCI 499		3	
	Elective		3	Elective		3	
				Elective		3	
		Subtotal		13	Subtotal		15

Total Hours Required: 120

* Emphasis elective (choose three of the following; course selection depends on program and school): SPCH 101, PHIL 302, BIOL 204, PSYC 203, CHEM 301, and PEES 310