

Major/Program	Chemistry (Engineering)
College	Science and Mathematics
Department	Physical Science
Contact	Dr. Jennifer Yates, Dean

2025-2026

Lander University

2 - Year Major Guide

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	CHEM 111		4	CHEM 112		4	
	CIS 130		4	CHEM 197		1	
	ENGL 101	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
	MATH 141	Core Academic Skills (General Education)	4	General Education*	Humanities and Fine Arts (General Education)	3	
	LINK 101	LINK (General Education)	1	General Education*	Behavioral and Social (General Education)	3	
				MATH 142	Scientific and Mathematics (General Education)	4	
		Subtotal	16		Subtotal	18	Yearly Totals 34

	SUMMER 1		Summer 2		Summer Totals
	MATH 241	4	MATH 242	4	8

	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CHEM 221		4	CHEM 198		1	
	CHEM 330		5	CHEM 199		1	
	CIS 202		3	CHEM 222		4	
	ES 314	World Cultures (General Education)	3	CHEM 331		4	
	PHYS 211	Scientific and Mathematics (General Education)	4	CHEM 381		3	
				PHYS 212		4	
		Subtotal	19		Subtotal	17	Yearly Totals 36

SUMMER at Clemson		
Course	Notes	Hours
CHE 1300		4

Third, Fourth, and Fifth Year	Clemson University			Clemson University		
	Course	Notes	Hours	Course	Notes	Hours

Total Hours Required: 78
(FROM LANDER)

*Behavioral and Social Perspectives (ECON 101, POLS 103, or PSYC 101); Humanities and Fine Arts (ART 101, MUSI 101, or ENGL 200-level).