

Major/Program	Chemistry (Engineering)
College	Science and Mathematics
Department	Physical Science
Contact	Dave Slimmer, Dean

2019-2020

Lander University 2-Year Major Guide

Can be moved to any semester

	First Semester			Second Semester			TOTALS	
	Course	Notes	Hours	Course	Notes	Hours		
First Year	CHEM 111		4	CHEM 112		4		
	CHEM 198		1	CHEM 199		1		
	CIS 130		4	MATH 142	Scientific and Mathematical Reasoning (General Education)	4		
	MATH 141	Core Academic Skills (General Education)	4	ENGL 102	Core Academic Skills (General Education)	3		
	ENGL 101	Core Academic Skills (General Education)	3	General Education*	Humanities and Fine Arts (General Education)	3		
	LINK 101	Core Academic Skills (General Education)	1	General Education*	Behavioral and Social Perspectives (General Education)	3		
	Subtotal			Subtotal				Yearly Totals
	17			18				35

SUMMER 1			Summer 2			Summer Totals
Course	Notes	Hours	Course	Notes	Hours	
CHEM 221		4	CHEM 222		4	8

	First Semester			Second Semester			Yearly Totals	
	Course	Notes	Hours	Course	Notes	Hours		
Second Year	CHEM 330		5	CHEM 299		1		
	PHYS 211	Scientific and Mathematical Reasoning (General Education)	4	CHEM 331		4		
	MATH 241		4	CHEM 381		3		
	CIS 202		3	MATH 242		4		
	General Education	Elective	3	PHYS 212	General Education Elective	4		
	FALS 101		0	PEES 176	General Education Elective	1		
	Subtotal			Subtotal				Yearly Totals
	19			17				36

SUMMER at Clemson			Summer Total
Course	Notes	Hours	
CHE 1300		4	4

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

**Total Hours Required:
From Lander**

79

*Behavioral and Social Perspectives (ECON 101, HIST 111, POLS 101, POLS 103, or PSYC 101); Humanities and Fine Arts (ART 101, MUSI 101, or ENGL 200-level).