

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

2018-2019

Lander University 3-Year Major Guide

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	CHEM 111		4	CHEM 112		4	Yearly Totals 33
	CHEM 198		1	CHEM 199		1	
	CIS 130		4	MATH 142		4	
	MATH 141	Core Academic Skills (General Education)	4	PEES 176	Elective (General Education)	1	
	ENGL 101	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
	LINK 101	Core Academic Skills (General Education)	1	General Education*	Behavioral and Social Perspectives (General Education)	3	
	Subtotal		17	Subtotal		16	
Second Year	First Semester			Second Semester			Yearly Totals 33
	Course	Notes	Hours	Course	Notes	Hours	
	CHEM 221		4	CHEM 222		4	
	PHYS 211	Scientific and Mathematical Reasoning (General Education)	4	MATH 242		4	
	MATH 241		4	PHYS 212	Elective (General Education)	4	
	Foreign Language	Core Academic Skills (General Education)	3	General Education*	Humanities and Fine Arts (General Education)	3	
CIS 202** or CHEM 381	CHEM 381 - Elective (General Education)	3					
	Subtotal		18	Subtotal		15	
Third Year	First Semester			Second Semester			Yearly Totals 32
	Course	Notes	Hours	Course	Notes	Hours	
	CHEM 330		5	CHEM 299		1	
	CHEM 351		4	CHEM 331		4	
	CHEM 401		4	CHEM 402		4	
	CIS 202** or CHEM 381	CHEM 381 - Elective (General Education)	3	PHYS 314		4	
			PSCI 499	Core Academic Skills (General Education)	3		
			FALS 101		0		
	Subtotal		16	Subtotal		16	
Fourth and Fifth Year	Clemson University			Clemson University			Yearly Totals 0
	Subtotal		0	Subtotal		0	

Total Hours Required: 98
(FROM LANDER)

*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 literature).

**CIS 202 is only offered during odd-numbered fall semesters