

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

2017-2018

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	
	CHEM 198		1	CHEM 199		1	
	CIS 130	<i>Logic & Analytical Thought (General Education)</i>	4	PEES 175	<i>Wellness (General Educ.)</i>	2	
	MATH 141	<i>Mathematics (General Education)</i>	4	PEES 176	<i>Wellness (General Educ.)</i>	1	
	ENGL 101	<i>Writing (General Educ.)</i>	3	MATH 142		4	
	LINK 101	<i>University Requirement</i>	1	ENGL 102	<i>Writing (General Educ.)</i>	3	
				General Education**		3	
	Subtotal		17	Subtotal		18	Yearly Totals 35

	First Semester			Second Semester			Yearly Totals
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CHEM 221		4	CHEM 222		4	
	PHYS 211	<i>Laboratory Science (General Education)</i>	4	PHYS 212	<i>Laboratory Science (General Education)</i>	4	
	MATH 241		4	MATH 242		4	
	Foreign Language*	<i>University Requirement</i>	3	Foreign Language*	<i>University Requirement</i>	3	
	CIS 202***	<i>or General Education</i>	3	General Education**		3	
		Subtotal		18	Subtotal		18

	First Semester			Second Semester			Yearly Totals
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	CHEM 330		5	CHEM 299		1	
	CHEM 351		4	CHEM 331		4	
	CHEM 401		4	CHEM 402		4	
	CIS 202***	<i>or General Education</i>	3	PHYS 314		4	
				PSCI 499		3	
			FALS	<i>University Requirement</i>	1		
	Subtotal		16	Subtotal		17	33

	First Semester			Second Semester			Yearly Totals
	Course	Notes	Hours	Course	Notes	Hours	
Fourth and Fifth Year	Clemson University			Clemson University			
	Subtotal		0	Subtotal		0	0

Total Hours Required: 104
(FROM LANDER)

*Students placing out of foreign language should consider taking general education courses. Students will complete 34 hours of general education requirements and 8 university requirements at Lander.

**Behavioral Science (PSYC 101 or SOCI 101); Fine Arts (MUSI 101 or THTR 201); History (HIST 102 or HIST 103); Political Economy (ECON 201, POLS 101, or POLS 103); Global Issues/Nonwestern Studies

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