

<b>Major/Program</b>	Chemistry, Forensic Science
<b>College</b>	Science and Mathematics
<b>Department</b>	Physical Science
<b>Contact</b>	Dr. Dave Slimmer, Dean

2021-2022

## Lander University

### 4 - Year Major Guide

	First Semester			Second Semester			TOTALS			
	Course	Notes	Hours	Course	Notes	Hours				
<b>First Year</b>	ENGL 101	Core Academic Skills (General Education)	3	BIOL 112		4				
	CHEM 101		3	CHEM 112		4				
	CHEM 111		4	CHEM 197		1				
	MATH 123	Core Academic Skills (General Education)	3	CHEM 198		1				
	LINK 101	LINK (General Education)	1	ENGL 102	Core Academic Skills (General Education)	3				
					MATH 211	Scientific and Mathematics (General Education)	3			
	<b>Subtotal</b>			14	<b>Subtotal</b>			16	→ <b>Yearly Totals</b>	30
<b>Second Year</b>	<b>First Semester</b>			<b>Second Semester</b>						
	Course	Notes	Hours	Course	Notes	Hours				
	CHEM 221		4	CHEM 222		4				
	CHEM 330		5	CHEM 199		1				
	HIST 111 or POLS 101	Founding Documents (General Education)	3	CHEM 331		4				
	PSYC 101	Behavioral and Social (General Education)	3	General Education	Behavioral and Social (General Education)	3				
				General Education	Humanities and Fine Arts (General Education)	3				
	<b>Subtotal</b>			15	<b>Subtotal</b>			15	→ <b>Yearly Totals</b>	30
<b>Third Year</b>	<b>First Semester</b>			<b>Second Semester</b>						
	Course	Notes	Hours	Course	Notes	Hours				
	Elective		3	CHEM 360		3				
	CHEM 260		3	BIOL 403		4				
	Elective		3	Elective		3				
	General Education	Humanities and Fine Arts (General Education)	3	* Emphasis elective	see note below	3				
				General Education	World Cultures (General Education)	3				
	PHYS 201 or PHYS 211	Scientific and Mathematics (General Education)	4	<b>Subtotal</b>			16	→ <b>Yearly Totals</b>	32	
<b>Fourth Year</b>	<b>First Semester</b>			<b>Second Semester</b>						
	Course	Notes	Hours	Course	Notes	Hours				
	CHEM 401		4	CHEM 301		3				
	Elective		3	Elective		3				
	Elective		3	* Emphasis elective	see note below	3				
	Elective		3	PSCI 499		3				
* Emphasis elective	see note below	3	FALS 101	University Requirement	0					
	<b>Subtotal</b>			16	<b>Subtotal</b>			12	→ <b>Yearly Totals</b>	28

**Total Hours Required: 120**

\* Emphasis elective: Choose three of the following: BIOL 421; CHEM 311 or higher; CIS 130 or higher; CRIM 101 or higher; GEOL 111 or higher; POLS 217; PSYC 251; PSYC 304