

<b>Major/Program</b>	Chemistry Education, Secondary Certification
<b>College</b>	Science and Mathematics
<b>Department</b>	Physical ScienceS
<b>Contact</b>	Dr. Jennifer Yates, Dean
2026-2027	

## Lander University

### 4 - Year Major Guide

	<b>First Semester</b>	<b>Second Semester</b>	<b>TOTALS</b>
	<b>Course</b>	<b>Notes</b>	<b>Hours</b>
<b>First Year</b>	CHEM 111		4
	ENGL 101	Core (General Education)	3
	HIST 111R, HIST 112R, or POLS 101R	Founding Documents of the United States (General Education)	3
	MATH 123	Core (General Education)	3
	LINK 101	(General Education)	1
	<b>Subtotal</b>		
<b>Second Year</b>	CHEM 221		4
	EDUC 204		3
	General Education	Behavioral and Social Perspectives (General Education)	3
	General Education	World Cultures (General Education)	3
	PHYS 201	Scientific and Mathematics Reasoning (General Education)	4
	<b>Subtotal</b>		
<b>Third Year</b>	CHEM 420		3
	EDUC 223		3
	EDUC 250		3
	Major Program Concentration Requirements	see list below	3
	SPED 223		3
	<b>Subtotal</b>		
Pass all sections of Praxis Core. Apply for admission to the Professional Program; 2.75 GPA required for admission.			
<b>Fourth Year</b>	CHEM 401		4
	EDUC 321		3
	EDUC 429		1
	Elective		3
	Elective		3
	PSCI 451		3
<b>Subtotal</b>			<b>17</b>
Take Praxis II and PLT.			
			<b>120</b>

Major Program Concentration Requirements: Choose two of the following: ASTR 101 or higher; BIOL 111 or higher; CHEM 222 or higher; CIS 130 or higher; ES 111 or higher; GEOL 111 or higher; MATH 141 or higher; or PHYS 203.