

<b>Major/Program</b>	Chemistry Education, Secondary Certification
<b>College</b>	Science and Mathematics
<b>Department</b>	Physical Science
<b>Contact</b>	Dr. Dave Slimmer, Dean
2020-2021	

## 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	<i>Core Academic Skills (General Education)</i>	3
		HIST 111 or POLS 101	<i>Founding Documents (General Education)</i>	3
		MATH 121 or MATH 123	<i>Core Academic Skills (General Education)</i>	3
		LINK 101	<i>LINK (General Education)</i>	1
		<b>Subtotal</b>		
<b>Second Year</b>		CHEM 112		4
		ENGL 102	<i>Core Academic Skills (General Education)</i>	3
		General Education	<i>Behavioral and Social (General Education)</i>	3
		General Education	<i>Humanities and Fine Arts (General Education)</i>	3
		MATH 211	<i>Scientific and Mathematics (General Education)</i>	3
		<b>Subtotal</b>		
<b>Third Year</b>		CHEM 221		4
		EDUC 204		3
		General Education	<i>Behavioral and Social (General Education)</i>	3
		General Education	<i>World Cultures (General Education)</i>	3
		PHYS 201 or PHYS 211	<i>Scientific and Mathematics (General Education)</i>	4
		<b>Subtotal</b>		
<b>Fourth Year</b>		BIOL 112		4
		EDUC 203		0.5
		Elective		3
		General Education	<i>Humanities and Fine Arts (General Education)</i>	3
		PHYS 202		4
		<b>Subtotal</b>		
				<b>Yearly Totals</b>
				<b>30</b>
				<b>31.5</b>
				<b>29.5</b>
				<b>29</b>
				<b>120</b>

**Emphasis Requirement:** 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; PHYS 203.