

<b>Major/Program</b>	Environmental Science
<b>College</b>	Science and Mathematics
<b>Department</b>	Physical Science
<b>Contact</b>	Dave Slimmer, Dean

2018-2019

## Lander University 4-Year Major Guide

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
<b>First Year</b>	CHEM 111	<i>Elective (General Education)</i>	4	GEOL 111 or PSCI 112		4	
	MATH 123 or MATH 141**	<i>Core Academic Skills (General Education)</i>	3	CHEM 112		4	
	ENGL 101	<i>Core Academic Skills (General Education)</i>	3	MATH 211	<i>Scientific and Mathematical Reasoning (General Education)</i>	3	
	Foreign Language	<i>Core Academic Skills (General Education)</i>	3	ENGL 102	<i>Core Academic Skills (General Education)</i>	3	
	LINK 101	<i>Core Academic Skills (General Education)</i>	1	General Education	<i>Humanities and Fine Arts (General Education)</i>	3	
	<b>Subtotal 14</b>			<b>Subtotal 17</b>			<b>Yearly Totals 31</b>
<b>Second Year</b>	ES 301		4	ES 302		4	
	CHEM 221		4	CHEM 381 or ES 390	<i>Elective (General Education)</i>	3	
	BIOL 111		4	*Major Elective	<i>see list below</i>	3	
	Elective		3	General Education	<i>Behavioral and Social Perspectives (General Education)</i>	3	
				General Education	<i>Humanities and Fine Arts (General Education)</i>	3	
	<b>Subtotal 15</b>			<b>Subtotal 16</b>			<b>Yearly Totals 31</b>
<b>Third Year</b>	ES 310		3	GEOL 405		3	
	CHEM 330		5	BIOL 306		4	
	PHYS 201 or PHYS 211	<i>Scientific and Mathematical Reasoning (General Education)</i>	4	*Major Elective	<i>see list below</i>	3	
	General Education	<i>Behavioral and Social Perspectives (General Education)</i>	3	General Education	<i>(General Education)</i>	3	
				Elective		3	
	<b>Subtotal 15</b>			<b>Subtotal 16</b>			<b>Yearly Totals 31</b>
<b>Fourth Year</b>	BIOL 415		4	ES 407 or ES 490		3	
	*Major Elective	<i>see list below</i>	4	PSCI 499		3	
	Elective		3	CHEM 420		3	
	Elective		3	Elective		3	
	FALS 101	<i>Core Academic Skills (General Education)</i>	0	Elective		1	
	<b>Subtotal 14</b>			<b>Subtotal 13</b>			<b>Yearly Totals 27</b>

**Total Hours Required: 120**

\*Major Electives (Choose 3): BIOL 213; BIOL 303; BIOL 421; CHEM 222; CHEM 260; CHEM 301; CHEM 331; CHEM 360; ES 390

\*\*Students anticipating graduate studies in environmental science are strongly encouraged to choose MATH 141.