

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

2019-2020

## Lander University 4-Year Major Guide

Can be moved to any semester

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	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	CHEM 101		3	GEOL 111 or PSCI 112		4	
	CHEM 111	<i>Elective (General Education)</i>	4	CHEM 112		4	
	MATH 123 or MATH 141**	<i>Core Academic Skills (General Education)</i>	3	MATH 211	<i>Scientific and Mathematical Reasoning (General Education)</i>	3	
	ENGL 101	<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	Foreign Language	<i>Core Academic Skills (General Education)</i>	3	
	<b>Subtotal</b>		<b>14</b>	<b>Subtotal</b>		<b>17</b>	<b>Yearly Totals</b> <b>31</b>
Second Year	<b>First Semester</b>			<b>Second Semester</b>			
	Course	Notes	Hours	Course	Notes	Hours	
	ANTH 104	<i>Behavioral and Social Perspectives (General Education)</i>	3	ES 302		4	
	ES 301		4	Δ CHEM 381 or ES 390	<i>Elective (General Education) Global Issues and Cultures</i>	3	
	CHEM 221		4	Elective		3	
BIOL 111		4	General Education	<i>Behavioral and Social Perspectives</i>	3		
			4	General Education	<i>Humanities and Fine Arts</i>	3	
	<b>Subtotal</b>		<b>15</b>	<b>Subtotal</b>		<b>16</b>	<b>Yearly Totals</b> <b>31</b>
Third Year	<b>First Semester</b>			<b>Second Semester</b>			
	Course	Notes	Hours	Course	Notes	Hours	
	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 Emphasis	<i>see list below</i>	3	
General Education	<i>Humanities and Fine Arts</i>	3	Elective		3		
			3	General Education	<i>(General Education)</i>	3	
			3	Elective		3	
			3	Elective		3	
	<b>Subtotal</b>		<b>15</b>	<b>Subtotal</b>		<b>16</b>	<b>Yearly Totals</b> <b>31</b>
Fourth Year	<b>First Semester</b>			<b>Second Semester</b>			
	Course	Notes	Hours	Course	Notes	Hours	
	BIOL 415		4	ES 407 or ES 490		3	
	CHEM 260		3	PSCI 499		3	
	*Major Emphasis Elective	<i>see list below</i>	4	CHEM 360		3	
Elective		3	CHEM 420		3		
FALS 101	<i>Core Academic Skills (General Education)</i>	0	Elective		1		
			3			1	
	<b>Subtotal</b>		<b>14</b>	<b>Subtotal</b>		<b>13</b>	<b>Yearly Totals</b> <b>27</b>

**Total Hours Required: 120**

\*Major Emphasis Electives (Choose 2): BIOL 213; BIOL 303; BIOL 312, BIOL 421; CHEM 222; CHEM 301; CHEM 331; ES 390; POLS 313

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