

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

2017-2018

## Lander University 4-Year Major Guide

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	CHEM 111	Laboratory Science (General Education)	4	GEOL 111 or PSCI 112		4	
	MATH 123 or MATH 141**	Logic & Analytical Thought (General Education)	3	CHEM 112		4	
	ENGL 101	Writing (General Educ.)	3	MATH 211	Mathematics (General Education)	3	
	Foreign Language	University Requirement (or take a General Education course)	3	Foreign Language	University Requirement (or take a General Education course)	3	
	LINK 101	University Requirement	1	ENGL 102	Writing (General Educ.)	3	
	<b>Subtotal</b>		<b>14</b>	<b>Subtotal</b>		<b>17</b>	<b>Yearly Totals</b> 31
Second Year	ES 301		4	ES 302		4	
	CHEM 221		4	General Education		3	
	BIOL 111		4	General Education		3	
	CIS 101 or higher		3	General Education		3	
				3	Elective		3
	<b>Subtotal</b>		<b>15</b>	<b>Subtotal</b>		<b>16</b>	<b>Yearly Totals</b> 31
Third Year	ES 310		3	GEOL 405		3	
	CHEM 330		5	BIOL 306		4	
	PHYS 201 or PHYS 211	Laboratory Science (General Education)	4	General Education		3	
	Elective		3	General Education		3	
				3	*Major Elective	see list below	3-4
	<b>Subtotal</b>		<b>15</b>	<b>Subtotal</b>		<b>16-17</b>	<b>Yearly Totals</b> 31-32
Fourth Year	BIOL 415		4	ES 407 or ES 490		1-4	
	ECON 321 or CHEM 381 or ES 390	Global Issues / Nonwestern Studies (General Education)	3	PSCI 499		3	
	*Major Elective	see list below	3-4	General Education		3	
	General Education		3	Elective		3	
	FALS 101		1	Elective		3	
	<b>Subtotal</b>		<b>14-15</b>	<b>Subtotal</b>		<b>13-16</b>	<b>Yearly Totals</b> 27-31

**Total Hours Required: 120**

\*Major Electives (Choose 2): BIOL 213; BIOL 421; CHEM 222; CHEM 301; CHEM 331; CHEM 420; ES 390

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