

Major/Program	Environmental Science (Forensic Science)
College	Science and Mathematics
Department	Physical Science
Contact	Dr. Jennifer Yates, Dean
2026-2027	

Lander University

4-Year Major Guide

	<u>First Semester</u>	<u>Second Semester</u>	<u>TOTALS</u>	
First Year	BIOL 111	4	CHEM 101	3
	CHEM 111	4	CHEM 112	4
	MATH 121	<i>Core Academic Skills (General Education)</i> 3	ES 110	3
	ENGL 101	<i>Core Academic Skills (General Education)</i> 3	MATH 211	<i>Scientific and Mathematics (General Education)</i> 3
	LINK 101	<i>LINK (General Education)</i> 1	ENGL 102	<i>Core Academic Skills (General Education)</i> 3
	Subtotal 15	Subtotal 16	Yearly Totals 31	
Second Year	CHEM 221	4	CHEM 381	<i>World Cultures (General Education)</i> 3
	ES 265	3	*Emphasis Requirement	<i>see list below</i> 4
	PSCI 112	4	General Education	<i>Behavioral and Social (General Education)</i> 3
	HIST 111R, HIST 112R, or POLS 101R	<i>Founding Documents (General Education)</i> 3	General Education	<i>Humanities and Fine Arts (General Education)</i> 3
		Subtotal 14	Elective	3
	Subtotal 14	Subtotal 16	Yearly Totals 30	
Third Year	CHEM 260	3	BIOL 306	4
	PHYS 201	<i>Scientific and Mathematics (General Education)</i> 4	CHEM 331	4
	*Emphasis Requirement	<i>see list below</i> 4	ES 355	3
	Elective	3	General Education	<i>Behavioral and Social (General Education)</i> 3
		Subtotal 14	Elective	2
	Subtotal 14	Subtotal 16	Yearly Totals 30	
Fourth Year	BIOL 415	4	CHEM 360	3
	CHEM 420	3	ES 445	4
	*Emphasis Requirement	<i>see list below</i> 3	PSCI 499	3
	General Education	<i>Humanities and Fine Arts (General Education)</i> 3	Elective	3
	Elective	3		
	Subtotal 16	Subtotal 13	Yearly Totals 29	
Total Hours Required:			120	

*Emphasis Requirement: Choose three of the following: BIOL 112; BIOL 213; BIOL 214; BIOL 303; BIOL 403; BIOL 409 or CHEM 409; BIOL 421; CHEM 222; CHEM 301; CHEM 330; CHEM 341; CRIM 101; ES 111; ES 390; ES 490; POLS 308; POLS 313; POLS 379; PUBH 415; SOCI 363