

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

2024-2025

Lander University

4-Year Major Guide

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	CHEM 101		3	CHEM 112		4	
	CHEM 111		4	ENGL 102	Core Academic Skills (General Education)	3	
	ENGL 101	Core Academic Skills (General Education)	3	ES 111		3	
	MATH 123 or MATH 141	Core Academic Skills (General Education)	3	GEOL 111 or PSCI 112		4	
	LINK 101	LINK (General Education)	1	MATH 211	Scientific and Mathematics (General Education)	3	
	Subtotal		14	Subtotal		17	Yearly Totals
Second Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	ANTH 104	Behavioral and Social (General Education)	3	CHEM 381	World Cultures (General Education)	3	
	BIOL 111		4	Elective		3	
	CHEM 221		4	ES 302		4	
	ES 301		4	General Education	Behavioral and Social (General Education)	3	
			General Education	Humanities and Fine Arts (General Education)	3		
Subtotal		15	Subtotal		16	Yearly Totals	31
Third Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	CHEM 330		5	BIOL 306		4	
	*Emphasis Requirement	see list below	3	Elective		3	
	General Education	Humanities and Fine Arts (General Education)	3	Elective		3	
	PHYS 201 or PHYS 211	Scientific and Mathematics (General Education)	4	*Emphasis Requirement	see list below	3	
			HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3		
Subtotal		15	Subtotal		16	Yearly Totals	31
Fourth Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	BIOL 415		4	CHEM 360		3	
	CHEM 260		3	Elective		1	
	CHEM 420		3	*Emphasis Requirement	see list below	4	
	Elective		3	ES 407 or ES 490		3	
FALS 101	University Requirement	0	PSCI 499		3		
Subtotal		13	Subtotal		14	Yearly Totals	27

Total Hours Required: 120

*Emphasis Requirement: Choose three of the following: BIOL 112; BIOL 213; BIOL 303; BIOL 403; BIOL 421; CHEM 222; CHEM 301; CHEM 331; CHEM 341; CHEM 401; CRIM 101; POLS 308; POLS 313; POLS 379; PUBH 415; SOCI 363