

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

2025-2026

Lander University 4-Year Major Guide

	First Semester			Second Semester			TOTALS			
First Year	Course	Notes	Hours	Course	Notes	Hours				
	BIOL 111		4	Elective		2				
	CHEM 111		4	CHEM 112		4				
	ENGL 101	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3				
	MATH 121 or MATH 123	Core Academic Skills (General Education)	3	ES 111 or Elective		3				
	LINK 101	LINK (General Education)	1	MATH 211	Scientific and Mathematics (General Education)	3				
Subtotal			15	Subtotal			15	→	Yearly Totals	30
Second Year	First Semester			Second Semester						
	Course	Notes	Hours	Course	Notes	Hours				
	PSCI 112		4	CHEM 381	World Cultures (General Education)	3				
	CHEM 221		4	ES 355 or Elective		3				
	General Education	Behavioral and Social (General Education)	3	General Education	Behavioral and Social (General Education)	3				
	General Education	Humanities and Fine Arts (General Education)	3	General Education	Humanities and Fine Arts (General Education)	3				
CHEM 101		3	General Education	Humanities and Fine Arts (General Education)	3					
Subtotal			17	Subtotal			15	→	Yearly Totals	32
Third Year	First Semester			Second Semester						
	Course	Notes	Hours	Course	Notes	Hours				
	CHEM 360		3	BIOL 306		4				
	*Concentration Requirement		3	CHEM 331		4				
	Requirement	see list below		ES 355		3				
	ES 265	see list below	3	*Concentration Requirement		3				
PHYS 201	Scientific and Mathematics (General Education)	4		see list below						
CHEM 260		3								
Subtotal			16	Subtotal			14	→	Yearly Totals	30
Fourth Year	First Semester			Second Semester						
	Course	Notes	Hours	Course	Notes	Hours				
	BIOL 415		4	Elective		3				
	CHEM 420		3	Elective		3				
	ES 302 or ES 445		3	PSCI 499		3				
	*Concentration Requirement		3	Elective		3				
Requirement	see list below									
HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3								
Subtotal			16	Subtotal			12	→	Yearly Totals	28

Total Hours Required: 120

***Major Program Concentration Requirement:** Choose three from 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; CHEM 401; CRIM 101; POLS 308; POLS 313; POLS 379; PUBH 415; SOCI 363