

Major/Program	Environmental 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 112	4
	CHEM 111	4	ES 110	3
	MATH 121	3	MATH 211	3
	ENGL 101	3	ENGL 102	3
	LINK 101	1	Elective	2
	Subtotal	15	Subtotal	15
		→	Yearly Totals	30
Second Year	<u>First Semester</u>		<u>Second Semester</u>	
	CHEM 221	4	CHEM 381	3
	ES 265	3	*Major Elective	4
	PSCI 112	4	General Education	3
	HIST 111R, HIST 112R, or POLS 101R	3	General Education	3
	Elective	1	Elective	2
Subtotal	15	Subtotal	15	
		→	Yearly Totals	30
Third Year	<u>First Semester</u>		<u>Second Semester</u>	
	PHYS 201	4	BIOL 306	4
	*Major Elective	4	CHEM 331	4
	*Major Elective	4	ES 355	3
	Elective	3	General Education	3
	Subtotal	15	Subtotal	15
		→	Yearly Totals	30
Fourth Year	<u>First Semester</u>		<u>Second Semester</u>	
	BIOL 415	4	ES 445	4
	CHEM 420	3	PSCI 499	3
	*Major Elective	3	*Major Elective	4
	General Education	3	Elective	3
	Subtotal	16	Subtotal	14
		→	Yearly Totals	30

Total Hours Required: 120

*Major Electives: Choose five of the following (no more than one of these at the 100-level): BIOL 112; BIOL 213; BIOL 214; BIOL 303; BIOL 308; BIOL 313; BIOL 409 or CHEM 409; BIOL 421; CHEM 222; CHEM 260; CHEM 301; CHEM 330; CHEM 341; CHEM 360; ES 111; ES 390; ES 490; HIST 341; POLS 308; POLS 379; PUBH 310; PUBH 415; SOCI 363