Major/Program	Environmental Science
College	Science and Mathematics
Department	Physical Science
Contact	Dr. Jennifer Yates, Interim Dean
2024-2025	

## Lander University 4-Year Major Guide

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First	t Semester		Seco	nd Semester		TOTALS
Course	Notes	Hours	Course	Notes	Hours	
CHEM 111		4	CHEM 112		4	
ENGL 101 HIST 111R,	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
HIST 112R, or POLS 101R	Founding Documents (General Education)	3	ES 111		3	
MATH 123 or MATH 141	Core Academic Skills (General Education)	3	GEOL 111 or PSCI 112	Coincillia and Madhamatica	4	
LINK 101	LINK (General Education)	1	MATH 211	Scientific and Mathematics (General Education)	3	Yearly Totals
	Subtota	I 14		Subtotal	17	→ 31

**Second Year** 

Course	Notes	Hours
BIOL 111		4
CHEM 221		4
ES 301		4
	Humanities and Fine Arts	
General Education	(General Education)	3

**First Semester** 

Second Semester			
Course	Notes	Hours	
	World Cultures (General		
CHEM 381	Education)	3	
Elective		3	
ES 302		4	
	Behavioral and Social		
General Education	(General Education)	3	
	Humanities and Fine Arts		
General Education	(General Education)	3	
			Ye
	Subtota	al 16	<b>→</b>

early Totals

Yearly Totals

Yearly Totals

120

## **Third Year**

Course	Notes
CHEM 330	
General Education *Major Elective	Behavioral and Socia (General Education)
PHYS 201 or PHYS 211	Scientific and Mathen (General Education)

	Second Semester
Course	Notes
BIOI 306	

Course BIOL 306	Notes		Hours 4
Elective Elective			3 3
*Major Elective *Major Elective	see list below see list below		3 4
		Subtotal	17

Second Semester			
Course	Notes		Hours
ES 407 or ES 490			3
Elective			3
*Major Elective	see list below		4
PSCI 499			3
		Subtotal	13

Fourth Yea

Course	Notes		Hours
BIOL 415			4
CHEM 420			3
Elective			3
*Major Elective	see list below		3
		Subtotal	13

**First Semester** 

**Total Hours Required:** 

\*Major Electives: Choose five of the following: BIOL 112; BIOL 213; BIOL 214; BIOL 303; BIOL 308; BIOL 313; BIOL 421; CHEM 222; CHEM 260; CHEM 301; CHEM 331; CHEM 341; CHEM 360; CHEM 401; HIST 341; POLS 308; POLS 379; PUBH 310; PUBH 415; SOCI 363

Subtotal 15

Subtotal