Major/Program	Chemistry Education, Secondary Certification	
College	Science and Mathematics	
Department	Physical ScienceS	
Contact	Dr. Jennifer Yates, Dean	
2025-2026		

First Semester Course CHEM 111 ENGL 101 HIST 111R, Notes Hours 4 Core (General Education) 3 Founding Documents of the HIST 112R, or United States (General Education) POLS 101R 3 **MATH 123** Core (General Education) 3 LINK 101 (General Education) 1 14

Subtotal

First Semester				
Course	Notes	Hours		
CHEM 221		4		
EDUC 204		3		
	Behavioral and Social Perspectives (General			
General Education	Education)	3		
General Education	World Cultures (General Education)	3		
	Scientific and Mathematics Reasoning (General			
PHYS 201	Education)	4		
	Subtotal	17		

		First Semester	
	Course	Notes	Hours
	CHEM 420		3
=	EDUC 223		3
QQ	EDUC 250		3
	Major Program		
-	Concentration		
5	Requirements	see list below	3
-	SPED 223		3

Subtotal 15 Pass all sections of Praxis Core. Apply for admission to the Professional Program; 2.75 GPA required for admission.

F	First Semester			
Yea	Course	Notes		Hours
ř	CHEM 401			4
2	EDUC 321			3
Fourth	EDUC 429			1
2	Elective			3
. <mark>0</mark>	Elective			3
<u> </u>	PSCI 451			3
			Subtotal	17

Take Praxis II and PLT.

Lander University 4 - Year Major Guide

Sec	cond Semester		TOTALS
Course	Notes	Hours	
CHEM 112		4	
ENGL 102	Core (General Education)	3	
	Behavioral and Social		
	Perspectives (General		
General Education	Education)	3	
General Education	Humanities and Fine Arts (General Education)	3	
	Scientific and Mathematics	•	
	Reasoning (General	•	
MATH 211	Education)	3	Veerly Tetale
	Subtotal	16	Yearly Totals → 30
	Gubtolui	10	
Sec	cond Semester		
Course	Notes	Hours	
BIOL 112		4	
EDUC 203		0.5	
Elective		3	
	Humanities and Fine Arts		
General Education	(General Education)	3	
PHYS 202		4	
			Yearly Totals
	Subtotal	14.5	→ 31.5
6	and Compositor		
	cond Semester	lleure	
Course CHEM 331	Notes	Hours 4	
EDUC 329		0.5	
EDUC 320		3	
		•	
Elective		3	
Major Program			
Concentration	K-th-law		
Requirements	see list below	4	Vearly Totals
			Yearly Totals → 29.5
Requirements	Subtotal	14.5	Yearly Totals → 29.5
Requirements		14.5	
Requirements Must be admitted to t	Subtotal	14.5	
Requirements Must be admitted to t EDUC 329.	Subtotal he Professional Program to	14.5	
Requirements Must be admitted to t	Subtotal he Professional Program to	14.5	
Requirements Must be admitted to t EDUC 329. Second Semest Course	Subtotal he Professional Program to	14.5 enroll in Hours	
Requirements Must be admitted to t EDUC 329. Second Semest Course EDUC 461	Subtotal he Professional Program to E T	14.5 enroll in Hours 11	
Requirements Must be admitted to t EDUC 329. Second Semest Course	Subtotal he Professional Program to E T	14.5 enroll in Hours	
Requirements Must be admitted to t EDUC 329. Second Semest Course EDUC 461	Subtotal he Professional Program to E T	14.5 enroll in Hours 11	
Requirements Must be admitted to t EDUC 329. Second Semest Course EDUC 461	Subtotal he Professional Program to E T	14.5 enroll in Hours 11	
Requirements Must be admitted to t EDUC 329. Second Semest Course EDUC 461	Subtotal he Professional Program to E T	14.5 enroll in Hours 11	
Requirements Must be admitted to t EDUC 329. Second Semest Course EDUC 461	Subtotal he Professional Program to E T	14.5 enroll in Hours 11	

Total Hours Required: 120

12

29

Subtotal

Major Program Concentration Requirements: Choose two of the following: ASTR 101 or higher; BIOL 111 or higher; CHEM 222 or higher; CIS 130 or higher; ES 111 or higher; GEOL 111 or higher; MATH 141 or higher; or PHYS 203.

Second Year

First Year

Third Year