Major/Program	Chemistry				
College	Science and Mathematics				
Department	Physical Science				
Contact	Dr. Jennifer Yates, Interim Dean				

Lander University 4-Year Major Guide

2023-202	_
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	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	_
	CHEM 111		4	BIOL 112		4	
ä	ENGL 101	Core Academic Skills (General Education)	3	CHEM 112		4	
First Year	General Education	Humanities and Fine Arts (General Education)	3	CHEM 197		1	
st	MATH 123 or	Core Academic Skills (General Education)	3	CHEM 198		1	
這	MATH 141 LINK 101	(General Education)	1	ENGL 102	Core Academic Skills (General	3	
			-	MATH 211	Education) Scientific and Mathematics	3	
					(General Education)		Yearly Totals
		Subtotal	14		Subtotal	16	→ 30
	First Semester			Sec	ond Semester		
_	Course	Notes	Hours	Course	Notes	Hours	
ä	CHEM 221	740100	4	CHEM 222	745155	4	
Second Year	CHEM 330		5	CHEM 199		1	
>	General Education	Behavioral and Social		CHEM 331			
7	General Education	(General Education)	3	CHEW 331		4	
Ĕ	HIST 111R,	Founding Dcuments (General		General Education	Humanities and Fine Arts		
0	HIST 111R, HIST 112R, or	Education)	3	General Education	(General Education)	3	
Š	•		3			3	
ď	POLS 101R			One and Education	Behavioral and Social		
0,				General Education	(General Education)	3	
					(General Education)		Yearly Totals
		College	15	-	0	15	→ 30
		Subtotal	15		Subtotal	15	30
	Fir	rst Semester		Sec	ond Semester		
	Course Notes Hours			Course	Notes	Hours	
<u>_</u>	General Education	World Cultures (General		CHEM 260 or above	except for CHEM 381		
Ğ	General Education	Education)	3	CHEW 200 OF ABOVE	except to: Crizii ce i	3	
$\mathbb{Z}$	Major Elective	see list below	4	Elective		3	
_	Major Elective	see list below	3	Elective		3	
5	PHYS 201 or	Scientific and Mathematics		Major Elective	see list below		
Third Yea		(General Education)	4	Major Liective		3	
È	PHYS 211	(,		PHYS 202 or			
				PHYS 212		4	
				11113212			Yearly Totals
		Subtotal	14		Subtotal	16	→ 30
							•
_	First Semester				ond Semester	University	
ğ		Madaa		Course	Notes	Hours	
ear	Course	Notes	Hours			4	
Year	Course CHEM 401		4	CHEM 402		4	
h Year	Course CHEM 401 CHEM 260 or above	except for CHEM 381	4 3	CHEM 402 CHEM 341		4	
ırth Year	Course CHEM 401 CHEM 260 or above CHEM 260 or above		4 3 3	CHEM 402 CHEM 341 Elective		4 3	
urth Year	COURSE CHEM 401 CHEM 260 or above CHEM 260 or above Elective	except for CHEM 381	4 3 3 3	CHEM 402 CHEM 341 Elective PSCI 499		4 3 3	
Fourth Year	Course CHEM 401 CHEM 260 or above CHEM 260 or above	except for CHEM 381	4 3 3	CHEM 402 CHEM 341 Elective	University Requirement	4 3	
Fourth Year	COURSE CHEM 401 CHEM 260 or above CHEM 260 or above Elective	except for CHEM 381 except for CHEM 381	4 3 3 3 3	CHEM 402 CHEM 341 Elective PSCI 499		4 3 3 0	Yearly Totals
Fourth Year	COURSE CHEM 401 CHEM 260 or above CHEM 260 or above Elective	except for CHEM 381	4 3 3 3	CHEM 402 CHEM 341 Elective PSCI 499	University Requirement Subtotal	4 3 3	Yearly Totals → 30
Fourth Year	Course CHEM 401 CHEM 260 or above CHEM 260 or above Elective Elective	except for CHEM 381 except for CHEM 381	4 3 3 3 3	CHEM 402 CHEM 341 Elective PSCI 499		4 3 3 0	→ 30

**Major Electives:** Choose three of the following: ASTR 101 or higher; BIOL 111 or higher; CHEM 260 or higher; CIS 130 or higher; ES 111 or higher; GEOL 111 or higher; MATH 141 or higher; PHYS 203; PHYS 314; PSCI 451.