Major/Program	Chemistry Education, Secondary Certification
College	Science and Mathematics
Department	Physical Science
Contact	Dave Slimmer, Dean

Lander University 4 - Year Major Guide

2017-2018

First Year

Second Year

Third Year

First Semeste	r
---------------	---

Course	Notes	Hours
CHEM 111		4
MATH 121 or MATH 123	Logic & Analytical Thought (General Education)	3
ENGL 101	Writing (General Educ.)	3
Foreign Language	University Requirement	3
LINK 101	University Requirement	1
	Subtota	14

Second Semester

Course CHEM 112 MATH 211

ENGL 102

Foreign Language General Education

	1	<u> </u>	1 <i>F</i>	

	3		
			Yearly Totals
Subtotal	16	→	30

3

3 3

First Semester

Course	Notes	Hours
CHEM 221		4
PHYS 201	Laboratory Science (General Education)	4
EDUC 204		3
General Education		3
General Education		3
	Subtotal	17

Second Semester

Occoona Ocinicate	•	
Course	Notes	Hours
BIOL 101 or BIOL 111		4
PHYS 202		4
EDUC 203		0.5
CHEM 301, CHEM 341 or CHEM 420		3 - 4
HUMA 330 Issues in Education	Humanities or Literature (General Education)	3

Mathematics (General Education)

Writing (General Educ.)

University Requirement

 Yearly Totals

 Subtotal 14.5 - 15.5
 → 31.5 - 32.5

First Semester

Course	Notes	Hours
CHEM 401		4
EDUC 240		3
EDUC 321		3
SPED 223		3
General Education	1	3

Subtotal 16

Second Semester

Course	Notes	Hours
GEOL 111 or PSCI 112	Laboratory Science (General Education)	4
CHEM 331		4
EDUC 223		3
EDUC 329		0.5
EDUC 320		3

Subtotal 14.5 Yearly Totals
30.5

First Semester

Course	Notes		Hours
EDUC 429			1
PSCI 451			3
General Education			3
General Education			3
General Education			3
Elective			2
		Subtotal	15

Second Semester

Course	Notes	Hours
EDUC 461		11
EDUC 499		1
FALS 101		1

Total Hours Required:

Yearly Totals 28