Major/Program	Chemistry (Health Sciences)		
College	Science and Mathematics		
Department	Physical Science		
Contact	Dr. Dave Slimmer, Dean		

Lander University 4 - Year Major Guide

Total Hours Required:

2021-2022

	Firs	st Semester		Sec	ond Semester		TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
	BIOL 111		4	BIOL 112		4	
ā	CHEM 111		4	CHEM 112		4	
First Year	MATH 123	Core Academic Skills (General Education)	3	CHEM 197		1	
ŝt	ENGL 101	Core Academic Skills (General Education)	3	CHEM 198		1	
這	LINK 101	LINK (General Education)	1	MATH 211	Scientific and Mathematics (General Education)	3	
				ENGL 102	Core Academic Skills (General Education)	3	
					20000.07		Yearly Totals
		Subtotal	15		Subtotal	16	→ 31
	Circ	ot Samaatar		Soo	ond Semester		
늘	First Semester				ona Semester		
a O	CHEM 221		4	CHEM 222		4	
≻	CHEM 330	Founding Documents	5	CHEM 199		1	
þ	HIST 111 or POLS 101	(General Education)	3	CHEM 331		4	
Second Year	PSYC 101	Behavioral and Social (General Education)	3	General Education	Humanities and Fine Arts (General Education)	3	
Se				SOCI 101	Behavioral and Social (General Education)	3	
							Yearly Totals
		Subtotal	15		Subtotal	15	→ 30
	Firs	st Semester		Sec	ond Semester		
		st Semester	Hours		ond Semester	Hours	
¥	Course	st Semester Notes	Hours 4	Course	ond Semester Notes	Hours 4	
ear	Course BIOL 202					Hours 4 3	
Year	Course	Notes	4	Course BIOL 203		4	
ird Year	Course BIOL 202 * Emphasis	Notes	4	Course BIOL 203		4	
Third Year	Course BIOL 202 * Emphasis Requirement	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics	4 3	Course BIOL 203 Elective	Notes World Cultures (General	4 3	
Third Year	Course BIOL 202 * Emphasis Requirement General Education	Notes (see list below) Humanities and Fine Arts (General Education)	4 3 3	Course BIOL 203 Elective	Notes	4 3 3	
Third Year	Course BIOL 202 * Emphasis Requirement General Education	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education)	4 3 3 4	Course BIOL 203 Elective Elective General Education	Notes World Cultures (General Education)	4 3 3 3 4	Yearly Totals
Third Year	Course BIOL 202 * Emphasis Requirement General Education	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics	4 3 3	Course BIOL 203 Elective Elective General Education	Notes World Cultures (General	4 3 3 3	Yearly Totals → 31
Third Year	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal	4 3 3 4	Course BIOL 203 Elective Elective General Education PHYS 202 or 212	Notes World Cultures (General Education) Subtotal	4 3 3 3 4	
	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal	4 3 3 4	Course BIOL 203 Elective Elective General Education PHYS 202 or 212	World Cultures (General Education) Subtotal ond Semester	4 3 3 3 4	
	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211 Firs	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal	4 3 3 4 14	Course BIOL 203 Elective Elective General Education PHYS 202 or 212 Sec Course	Notes World Cultures (General Education) Subtotal	4 3 3 3 4 17 -	
	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211 Firs Course CHEM 401	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal	4 3 3 4 14 Hours	Course BIOL 203 Elective Elective General Education PHYS 202 or 212 Sec Course Elective	World Cultures (General Education) Subtotal ond Semester	4 3 3 4 17 -	
	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211 Firs Course CHEM 401 Elective	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal	4 3 3 4 14 Hours 4 3	Course BIOL 203 Elective Elective General Education PHYS 202 or 212 Sec Course Elective Elective	World Cultures (General Education) Subtotal ond Semester	4 3 3 4 17 -	
	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211 Firs Course CHEM 401 Elective Elective	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal	4 3 4 14 Hours 4 3 3	Course BIOL 203 Elective Elective General Education PHYS 202 or 212 Sec Course Elective Elective Elective Elective	World Cultures (General Education) Subtotal ond Semester	4 3 3 4 17 -	
	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211 Firs Course CHEM 401 Elective Elective * Emphasis	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal St Semester Notes	4 3 3 4 14 Hours 4 3	Course BIOL 203 Elective Elective General Education PHYS 202 or 212 Sec Course Elective Elective Elective * Emphasis	World Cultures (General Education) Subtotal ond Semester Notes	4 3 3 4 17 -	
	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211 Firs Course CHEM 401 Elective Elective	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal St Semester Notes	4 3 4 14 Hours 4 3 3	Course BIOL 203 Elective Elective General Education PHYS 202 or 212 Sec Course Elective Elective Elective Elective	World Cultures (General Education) Subtotal ond Semester Notes	4 3 3 4 17 -	
Fourth Year Third Year	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211 Firs Course CHEM 401 Elective Elective * Emphasis	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal St Semester Notes	4 3 4 14 Hours 4 3 3	Course BIOL 203 Elective Elective General Education PHYS 202 or 212 Sec Course Elective Elective Elective * Emphasis Requirement	World Cultures (General Education) Subtotal ond Semester Notes	4 3 3 4 17 –	
	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211 Firs Course CHEM 401 Elective Elective * Emphasis	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal St Semester Notes	4 3 4 14 Hours 4 3 3	Course BIOL 203 Elective Elective General Education PHYS 202 or 212 Sec Course Elective Elective Elective * Emphasis Requirement PSCI 499	World Cultures (General Education) Subtotal ond Semester Notes (see list below)	4 3 3 4 17 -	
	Course BIOL 202 * Emphasis Requirement General Education PHYS 201 or 211 Firs Course CHEM 401 Elective Elective * Emphasis	Notes (see list below) Humanities and Fine Arts (General Education) Scientific and Mathematics (General Education) Subtotal St Semester Notes	4 3 4 14 Hours 4 3 3	Course BIOL 203 Elective Elective General Education PHYS 202 or 212 Sec Course Elective Elective Elective * Emphasis Requirement PSCI 499	World Cultures (General Education) Subtotal ond Semester Notes (see list below)	4 3 3 4 17 -	31

^{*} Emphasis Requirement (choose three of the following): SPCH 101, PHIL 302, BIOL 204, PSYC 203, CHEM 301, and PEES 310