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

Lander University 4-Year Major Guide

2023-2024

Can be swapped between Second Year fall and spring Can be moved to any semester

First Semester		
Course	Notes	Hours
BIOL 111		4
CHEM 111	Scientific and Mathematical Reasoning (General Education)	4
MATH 121, MATH 123, or MATH 141	Core Academic Skills (General Education)	3
ENGL 101	Core Academic Skills (General Education)	3
LINK 101	General Education	1

Second Semester		TOTALS	
Course BIOL 112 CHEM 112	Notes	Hours 4 4	
MATH 211	Scientific and Mathematical Reasoning (General Education)	3	
ENGL 102	Core Academic Skills (General Education)	3	
General Education	Behavioral and Social Perspectives (General Education)	3	
			Yearly Totals

Subtotal

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First Semester

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First Year

Course	Notes	Hours
* Program Requirement	Organismal Diversity (see note below)	4
CHEM 221 Elective		4
		3
General Education	Behavioral and Social Perspectives (General Education)	3
Elective		3

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56	econd Semester		
Course	Notes	Hours	
BIOL 303		3	
BIOL 299		1	
HIST 111R,	Founding Documents		
HIST 112R, or	(General Education)	3	
POLS 101R			
Elective		3	
Elective		3	
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First Semester

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Fourth Year

Course	Notes	Hours
BIOL 312		4
BIOL 399		1
General Education	Humanities and Fine Arts (General Education)	3
Elective		3
Elective		3
	Subtota	14

Second Semester

Second Semester			
Course	Notes	Hours	
* Program Requirement	Biology Group (see note below)	4	
* Program Requirement	Biology Group (see note below)	4	
General Education	Humanities and Fine Arts (General Education)	3	
General Education	World Cultures (General Education)	3	
Elective		3	
	Subtotal	17	

Yearly Totals

First Semester

Course	Notes	Hour
* Program Requirement	Biology Group (see note below)	4
Biology Elective Elective Elective	200-level or above	4 3 4
	Subtota	ıl 15

Second Semester

Course	Notes	Hours	l
BIOL 499		1	
**Biology Elective	300-level or above	4	
***FALS 101	University Requirement	0	
Elective		4	
Elective		3	
	Subtotal	12	i -

Total Hours Required:

120

Yearly Totals

* Students may take either BIOL 213 or BIOL 214 to meet the organismal diversity requirement. Those who opt to fulfill this requirement in the second semester should take BIOL 303 in the first semester.

**BIOL 300-level or above (except BIOL 490 and BIOL 498)

*** FALS Requirement (Temporarily suspended)

Biology Group Requirements

Group 1: BIOL 308 or BIOL 313 or BIOL 401 Group 2: BIOL 307 or BIOL 403 or BIOL 422

Group 3: BIOL 306 or BIOL 311 or BIOL 415 or BIOL 421