

<b>Major/Program</b>	Biology (Genetics)
<b>College</b>	Science and Mathematics
<b>Department</b>	Biology
<b>Contact</b>	Dave Slimmer, Dean

2017-2018

## Lander University 4-Year Major Guide

	<b>First Semester</b>	<b>Second Semester</b>	<b>TOTALS</b>	
	<b>Course</b>	<b>Notes</b>	<b>Hours</b>	
<b>First Year</b>	BIOL 111		4	
	CHEM 111	Laboratory Science (General Education)	4	
	MATH 121, MATH 123, or MATH 141	Mathematics (General Education)	3	
	ENGL 101	Writing (General Education)	3	
	LINK 101	University Requirement	1	
	<b>Subtotal</b>			<b>15</b>
<b>Second Year</b>	BIOL 213 or BIOL 214	*See Note Below	4	
	CHEM 221		4	
	Foreign Language	University Requirement	3	
	General Education Requirement		3	
	General Education Requirement		3	
	<b>Subtotal</b>			<b>17</b>
<b>Third Year</b>	BIOL 312		4	
	BIOL 399		1	
	PHYS 201 or PHYS 211		4	
	General Education Requirement		3	
	General Education Requirement		3	
	<b>Subtotal</b>			<b>15</b>
<b>Fourth Year</b>	BIOL 307	Group 2, Biology Group Requirement	4	
	BIOL Group 1 or 3 Requirement	See options below	4	
	General Education Requirement		3	
	Elective		3	
	<b>Subtotal</b>			<b>14</b>
				<b>32</b>
			<b>30</b>	
			<b>30</b>	
			<b>28</b>	
<b>Subtotal</b>			<b>17</b>	
<b>Subtotal</b>			<b>13</b>	
<b>Subtotal</b>			<b>15</b>	
<b>Subtotal</b>			<b>14</b>	
<b>Subtotal</b>			<b>17</b>	
<b>Subtotal</b>			<b>13</b>	
<b>Subtotal</b>			<b>15</b>	
<b>Subtotal</b>			<b>14</b>	
<b>Yearly Totals</b>			<b>32</b>	
<b>Yearly Totals</b>			<b>30</b>	
<b>Yearly Totals</b>			<b>30</b>	
<b>Yearly Totals</b>			<b>28</b>	

**Total Hours Required: 120**

\* 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.

**Biology Group Requirements**

- Group 1: BIOL 308 or BIOL 313 or BIOL 401
- Group 2: BIOL 307
- Group 3: BIOL 306 or BIOL 311 or BIOL 415 or BIOL 421