

<b>Major/Program</b>	Data Science (Computer Information Systems)
<b>College</b>	Business and Technology
<b>Department</b>	Applied Computing
<b>Contact</b>	Dr. Lloyd Willis, Interim Dean
2025-2026	

*Lander University*  
**4-Year Major Guide**  
*Odd Year Entry*

can be moved to any semester

	<b>First Semester</b>			<b>Second Semester</b>			<b>TOTALS</b>
<b>First Year</b>	<b>Course</b>	<b>Notes</b>	<b>Hours</b>	<b>Course</b>	<b>Notes</b>	<b>Hours</b>	
	CIS 130		4	CIS 120		3	
	DSCI 130		3	DSCI 230		4	
	ENGL 101	Core Academic Skills (General Education)	3	Emphasis Requirement (See list below)		3	
	MATH 123	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
	LINK 101	General Education	1	General Education	Humanities and Fine Arts (General Education)	3	
		<b>Subtotal</b>	<b>14</b>		<b>Subtotal</b>	<b>16</b>	<b>Yearly Totals</b>
							<b>30</b>
<b>Second Year</b>	<b>First Semester</b>			<b>Second Semester</b>			
	<b>Course</b>	<b>Notes</b>	<b>Hours</b>	<b>Course</b>	<b>Notes</b>	<b>Hours</b>	
	CIS 230		4	CIS 234		1	
	Emphasis Requirement (See list below)		3	CIS 360		3	
	General Education	Perspectives (General Education)	3	DSCI 231		3	
		Scientific and Mathematical Reasoning (General Education)		MATH 125		3	
	Laboratory Science		4	MATH 208		3	
		Scientific and Mathematical Reasoning (General Education)					<b>Yearly Totals</b>
	MATH 211		3		<b>Subtotal</b>	<b>13</b>	<b>30</b>
		<b>Subtotal</b>	<b>17</b>				
<b>Third Year</b>	<b>First Semester</b>			<b>Second Semester</b>			
	<b>Course</b>	<b>Notes</b>	<b>Hours</b>	<b>Course</b>	<b>Notes</b>	<b>Hours</b>	
	Elective		3	DSCI 330		3	
	Elective		3	DSCI 340		3	
	Emphasis Requirement (See list below)		3	Elective		3	
	General Education	Humanities and Fine Arts (General Education)	3	Emphasis Requirement (See list below)		3	
	MATH 213		3	MATH 214		3	
		<b>Subtotal</b>	<b>15</b>		<b>Subtotal</b>	<b>15</b>	<b>Yearly Totals</b>
							<b>30</b>
<b>Fourth Year</b>	<b>First Semester</b>			<b>Second Semester</b>			
	<b>Course</b>	<b>Notes</b>	<b>Hours</b>	<b>Course</b>	<b>Notes</b>	<b>Hours</b>	
	DSCI 440		3	DSCI 499		3	
	Elective		3	Elective		3	
	Elective		3	Elective		3	
	Emphasis Requirement (See list below)		3	General Education	Behavioral and Social Perspectives (General Education)	3	
	HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3	General Education	World Cultures (General Education)	3	
		<b>Subtotal</b>	<b>15</b>		<b>Subtotal</b>	<b>15</b>	<b>Yearly Totals</b>
							<b>30</b>

**Total Hours Required: 120**

Emphasis Requirement (choose 15 credit hours): CIS 231, CIS 240, CIS 250, CIS 320, CIS 321, CIS 498, CYBR 140