

<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 2026-2027

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

can be moved to any semester

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

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