

<b>Major/Program</b>	Data Science (Computer Information Systems)
<b>College</b>	Science and Mathematics
<b>Department</b>	Mathematics and Computing
<b>Contact</b>	Dave Slimmer, Dean

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

2021-2022

can be moved to any semester

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
<b>First Year</b>	CIS 130		4	DSCI 230		4	
	DSCI 130		3	Emphasis Requirement	(See list below)	3	
	ENGL 101	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
	MATH 123	Core Academic Skills (General Education)	3	<b>General Education</b>	Humanities and Fine Arts (General Education)	3	
	LINK 101	General Education	1	MATH 125		3	
	<b>Subtotal</b> 14			<b>Subtotal</b> 16			<b>Yearly Totals</b> 30
<b>Second Year</b>	<b>First Semester</b>			<b>Second Semester</b>			
	Course	Notes	Hours	Course	Notes	Hours	
	CIS 230		4	CIS 120		3	
	Emphasis Requirement	(See list below)	3	CIS 234		1	
	<b>General Education</b>	Behavioral and Social Perspectives (General Education)	3	DSCI 231		3	
<b>Laboratory Science</b>	Scientific and Mathematical Reasoning (General Education)	4	Emphasis Requirement	(See list below)	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>	<b>First Semester</b>			<b>Second Semester</b>			
	Course	Notes	Hours	Course	Notes	Hours	
	Elective		3	CIS 360		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>	<b>First Semester</b>			<b>Second Semester</b>			
	Course	Notes	Hours	Course	Notes	Hours	
	DSCI 440		3	DSCI 330		3	
	Elective		3	DSCI 499		3	
	Elective		3	Elective		3	
<b>HIST 111 or POLS 101</b>	Founding Documents (General Education)	3	<b>General Education</b>	Behavioral and Social Perspectives (General Education)	3		
			<b>General Education</b>	World Cultures (General Education)	3		
			FALS 101	University Requirement	0		
	<b>Subtotal</b> 15			<b>Subtotal</b> 15			<b>Yearly Totals</b> 30

**Total Hours Required: 120**

Emphasis Requirement: CIS 140, CIS 231, CIS 240, CIS 250, CIS 320, CIS 321, CIS 498