

Major/Program	Data Science (Computer Information Systems)
College	Business and Technology
Department	Applied Computing
Contact	Dr. Lloyd Willis, Interim Dean
2026-2027	

Lander University
4-Year Major Guide
Even Year Entry

can be moved to any semester

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	CIS 130		4	DSCI 230		4	Yearly Totals 30
	DSCI 130		3	Emphasis Requirement (See list below)	Core Academic Skills (General Education)	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	General Education	Humanities and Fine Arts (General Education)	3	
	LINK 101	General Education	1	MATH 125		3	
	Subtotal			Subtotal			

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CIS 230		4	CIS 120		3	Yearly Totals 30
	Emphasis Requirement (See list below)	Behavioral and Social Perspectives (General Education)	3	CIS 234		1	
	General Education	Scientific and Mathematical Reasoning (General Education)	3	DSCI 231		3	
	Laboratory Science	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	
	Subtotal			Subtotal			

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	Elective		3	CIS 360		3	Yearly Totals 30
	Elective		3	DSCI 340		3	
	Emphasis Requirement (See list below)	Humanities and Fine Arts (General Education)	3	Elective		3	
	General Education	(General Education)	3	Emphasis Requirement (See list below)		3	
	MATH 213		3	MATH 214		3	
	Subtotal			Subtotal			

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Fourth Year	DSCI 440		3	DSCI 330		3	Yearly Totals 30
	Elective		3	DSCI 499		3	
	Elective		3	Elective		3	
	Elective		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	
	Subtotal			Subtotal			

Total Hours Required: 120

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