

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

2025-2026

Lander University
4-Year Major Guide
Odd Year Entry

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

Total Hours Required: 120

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