

Major/Program	Data Science (Computer Information Systems)
College	Science and Mathematics
Department	Mathematics and Computing
Contact	Dr. Jennifer Yates, Interim Dean 2023-2024

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	
	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	General Education	Humanities and Fine Arts (General Education)	3	
	LINK 101	General Education	1	MATH 125		3	
		Subtotal		14	Subtotal		16
Second Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	CIS 230		4	CIS 120		3	
	Emphasis Requirement	(See list below)	3	CIS 234		1	
	General Education	Behavioral and Social Perspectives (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		17	Subtotal		13	Yearly Totals 30
Third Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	Elective		3	CIS 360		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		
	Subtotal		15	Subtotal		15	Yearly Totals 30
Fourth Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	DSCI 440		3	DSCI 330		3	
	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		15	*FALS 101	University Requirement	0	
	Subtotal		15	Subtotal		15	Yearly Totals 30

* FALS Requirement Temporarily Suspended

Total Hours Required: 120

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