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

2024-2025

Lander University
4-Year Major Guide
Even Year Entry

can be moved to any semester

First Year

First Semester

Course	Notes	Hours
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
DSCI 230		4
Emphasis Requirement	(See list below)	3
ENGL 102	Core Academic Skills (General Education)	3
General Education	Humanities and Fine Arts (General Education)	3
MATH 125		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	Reasoning (General Education)	4
MATH 211	Scientific and Mathematical Reasoning (General Education)	3
	Subtotal	**17**

Second Semester

Course	Notes	Hours
CIS 120		3
CIS 234		1
DSCI 231		3
Emphasis Requirement	(See list below)	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
CIS 360		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
Elective		3
HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3
	Subtotal	**15**

Second Semester

Course	Notes	Hours
DSCI 330		3
DSCI 499		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: CIS 140, CIS 231, CIS 240, CIS 250, CIS 320, CIS 321, CIS 498