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 Odd Year Entry

3

TOTALS

can be moved to any semester **First Semester** 

Course	Notes	Hours
CIS 130		4
DSCI 130		3
	Core Academic Skills (General	
ENGL 101	Education)	3
	Core Academic Skills (General	
MATH 123	Education)	3
LINK 101	General Education	1
	Conoral Education	•
	Subtotal	14

First Semester				
Course	Notes	Hours		
CIS 230		4		
Emphasis Requirement	(See list below)	3		
General Education	Perspectives (General Education)	3		
General Education	Reasoning (General	3		
Laboratory Science	Education)	4		
	Scientific and Mathematical			
MATH 211	Reasoning (General Education)	3		
	Subtotal	17		

**First Semester** 

Hours 3

3

3

3

Ge

Notes

Emphasis Requirement (See list below)

CIS 120			3		
DSCI 230			4		
Emphasis Requirement	(See list below)		3		
	Core Academic Sk	lls (General			
ENGL 102	Education)		3		
	Humanities and Fin				
General Education	(General Education	リ	3		
			40		Yearly To
		Subtotal	16	-	30
Seco	nd Semest	er			
Course	Notes		Hours		
CIS 234			1		
CIS 360			3		
DSCI 231			3		
MATH 125			3		
			•		
MATH 208			3		
			5		Yearly To
		Subtotal	13	→	30
Saaa	nd Comoot	~ "			
Course	nd Semeste Notes	er	Hours		
DSCI 330	Notes		3		
DSCI 340			3		
DSCI 340			~		
			3		
Elective					
Elective			3 3		
Elective Emphasis Requirement	t (See list below)				
	t (See list below)		3		
Emphasis Requirement	t (See list below)		3 3		<u>Yearly</u> To
Emphasis Requirement	t (See list below)	Subtotal	3 3	→ <b>-</b>	Yearly To 30
Emphasis Requiremen MATH 214			3 3 3	→ <b>-</b>	
Emphasis Requiremen MATH 214 Seco	nd Semeste		3 3 3 15	→ <sup>-</sup>	
Emphasis Requiremen MATH 214 Seco			3 3 3 15 Hours	→ <sup>-</sup>	Yearly To 30
Emphasis Requiremen MATH 214 Seco Course	nd Semeste		3 3 3 15	<b>→</b> <sup>-</sup>	

Second Semester

Notes

Course CIS 120

Third Year

Course Elective

Elective

**General Education** 

Second Year

Fourth Year

	Subtota	I 15
	Gubtota	
F	irst Semester	
ourse	Notes	Hours
SCI 440		3
ective		3
lective		3
nphasis Requirem	ent (See list below)	3
IST 111R,		
IST 112R, or	Founding Documents	
OLS 101R	(General Education)	3
	. , ,	
	Subtota	15

Humanities and Fine Arts (General Education)

	Jubi		50
Seco	ond Semester		
ourse	Notes	Hours	
SCI 499		3	-
lective		3	
lective		3	
eneral Education	Perspectives (General Education)	3	
eneral Education	World Cultures (General Education)	3	
			Yearly Totals
	Subt	otal 15	→ 30

**Total Hours Required:** 120

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