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

Lander University 4-Year Major Guide Even Year Entry

2022-2023

	F:-	of Compoter		Caa	and Camaatar		TOTALO
		st Semester			ond Semester		TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
:	CIS 130		4	DSCI 230	(0 - 5 - 1 - 1 -)	4	
)	DSCI 130		3	Emphasis Requiremen	nt (See list below)	3	
	ENGL 101	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	al 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	(General Education)	3	. .
		Subtotal	14		Subtota	al 16	Yearly Tota → 30
			14			ai io	30
	Fir	st Semester		Seco	ond Semester		
	Course	Notes	Hours	Course	Notes	Hours	
	CIS 230		4	CIS 120		3	
	Emphasis Requirement	nt (See list below)	3	CIS 234		1	
	General Education	Behavioral and Social Perspectives (General	3	DSCI 231		3	
	Laboratory Science	Scientific and Mathematical Reasoning (General	4	Emphasis Requiremen	nt (See list below)	3	
	MATH 211	Scientific and Mathematical Reasoning (General Education)	3	MATH 208		3	
							Yearly Tota
		Subtotal	17		Subtota	al 13	→ 30
	Eir		17	Soor		al 13 ⁻	→ 30
		st Semester			ond Semester		30
	Course		Hours	Course		Hours	30
	Course Elective	st Semester	Hours 3	Course CIS 360	ond Semester	Hours 3	30
	Course Elective Elective	st Semester Notes	Hours 3 3	Course CIS 360 DSCI 340	ond Semester	Hours 3 3	→ 30
	Course Elective	st Semester Notes	Hours 3	Course CIS 360	ond Semester	Hours 3	→ 30
	Course Elective Elective	st Semester Notes nt (See list below) Humanities and Fine Arts	Hours 3 3	Course CIS 360 DSCI 340	ond Semester Notes	Hours 3 3	→ 30
	Course Elective Elective Emphasis Requiremen	st Semester Notes nt (See list below)	Hours 3 3 3	Course CIS 360 DSCI 340 Elective	ond Semester Notes	Hours 3 3 3	→ 30
	Course Elective Elective Emphasis Requirement General Education	st Semester Notes nt (See list below) Humanities and Fine Arts (General Education)	Hours 3 3 3 3 3	Course CIS 360 DSCI 340 Elective Emphasis Requiremen	ond Semester Notes nt (See list below)	Hours 3 3 3 3 3	Yearly Tota
	Course Elective Elective Emphasis Requirement General Education	st Semester Notes nt (See list below) Humanities and Fine Arts	Hours 3 3 3 3	Course CIS 360 DSCI 340 Elective Emphasis Requiremen	ond Semester Notes	Hours 3 3 3 3 3	
	Course Elective Elective Emphasis Requiremen General Education MATH 213	st Semester Notes nt (See list below) Humanities and Fine Arts (General Education)	Hours 3 3 3 3 3	Course CIS 360 DSCI 340 Elective Emphasis Requirement MATH 214	ond Semester Notes nt (See list below)	Hours 3 3 3 3 3	Yearly Tota
	Course Elective Elective Emphasis Requirement General Education MATH 213 Fir	st Semester Notes nt (See list below) Humanities and Fine Arts (General Education) Subtotal	Hours 3 3 3 3 15 Hours	Course CIS 360 DSCI 340 Elective Emphasis Requirement MATH 214 Seco	ond Semester Notes nt (See list below) Subtota	Hours 3 3 3 3 3 4 15 Hours	<u>Ye</u> arly Tota
	Course Elective Elective Emphasis Requirement General Education MATH 213 Fir Course DSCI 440	st Semester Notes Int (See list below) Humanities and Fine Arts (General Education) Subtotal st Semester	Hours 3 3 3 3 15 Hours 3	Course CIS 360 DSCI 340 Elective Emphasis Requirement MATH 214 Seco	ond Semester Notes Int (See list below) Subtota	Hours 3 3 3 3 3 Hours 3	<u>Ye</u> arly Tota
	Course Elective Elective Emphasis Requirement General Education MATH 213 Fir Course DSCI 440 Elective	st Semester Notes Int (See list below) Humanities and Fine Arts (General Education) Subtotal st Semester	Hours 3 3 3 3 15 Hours 3 3	Course CIS 360 DSCI 340 Elective Emphasis Requirement MATH 214 Second Course DSCI 330 DSCI 499	ond Semester Notes Int (See list below) Subtota	Hours 3 3 3 3 3 4 15 Hours 3 3	<u>Ye</u> arly Tota
	Course Elective Elective Emphasis Requirement General Education MATH 213 Fir Course DSCI 440 Elective Elective	st Semester Notes Int (See list below) Humanities and Fine Arts (General Education) Subtotal st Semester	Hours 3 3 3 3 15 Hours 3	Course CIS 360 DSCI 340 Elective Emphasis Requiremen MATH 214 Seco Course DSCI 330 DSCI 499 Elective	ond Semester Notes Int (See list below) Subtota Cond Semester Notes	Hours 3 3 3 3 3 Hours 3	<u>Ye</u> arly Tota
	Course Elective Elective Emphasis Requirement General Education MATH 213 Fir Course DSCI 440 Elective	st Semester Notes Int (See list below) Humanities and Fine Arts (General Education) Subtotal st Semester	Hours 3 3 3 3 15 Hours 3 3	Course CIS 360 DSCI 340 Elective Emphasis Requirement MATH 214 Second Course DSCI 330 DSCI 499	ond Semester Notes Int (See list below) Subtota Cond Semester Notes Behavioral and Social Perspectives (General	Hours 3 3 3 3 3 4 15 Hours 3 3	<u>Ye</u> arly Tota
	Course Elective Elective Emphasis Requirement General Education MATH 213 Fir Course DSCI 440 Elective Elective	st Semester Notes Int (See list below) Humanities and Fine Arts (General Education) Subtotal St Semester Notes	Hours 3 3 3 3 15 Hours 3 3 3 3	Course CIS 360 DSCI 340 Elective Emphasis Requiremen MATH 214 Seco Course DSCI 330 DSCI 499 Elective	ond Semester Notes Int (See list below) Subtota Ond Semester Notes Behavioral and Social Perspectives (General Education) World Cultures	Hours 3 3 3 3 3 4 15 Hours 3 3 3 3	<u>Ye</u> arly Tota
	Course Elective Elective Emphasis Requirement General Education MATH 213 Fir Course DSCI 440 Elective Elective Elective	st Semester Notes Int (See list below) Humanities and Fine Arts (General Education) Subtotal st Semester Notes	Hours 3 3 3 3 15 Hours 3 3 3 3	Course CIS 360 DSCI 340 Elective Emphasis Requirement MATH 214 Second Course DSCI 330 DSCI 499 Elective General Education	ond Semester Notes Int (See list below) Subtota Ond Semester Notes Behavioral and Social Perspectives (General Education)	Hours 3 3 3 3 3 4 15 4 Hours 3 3 3 3 3 3	Yearly Tota → 30
	Course Elective Elective Emphasis Requirement General Education MATH 213 Fir Course DSCI 440 Elective Elective Elective	st Semester Notes Int (See list below) Humanities and Fine Arts (General Education) Subtotal St Semester Notes	Hours 3 3 3 3 15 Hours 3 3 3 3	Course CIS 360 DSCI 340 Elective Emphasis Requirement MATH 214 Second Course DSCI 330 DSCI 499 Elective General Education General Education	ond Semester Notes Int (See list below) Subtota Ond Semester Notes Behavioral and Social Perspectives (General Education) World Cultures (General Education)	Hours 3 3 3 3 4 15 Hours 3 3 3 0	Yearly Tota