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

Lander University 4-Year Major Guide Even Fall Year Entry

2022-2023

can be taken any seme	ster					
Firs	st Semester		Sec	ond Semester		TOTALS
Course	Notes	Hours	Course	Notes	Hours	
CIS 102	or successful completeion of CIS 102 exemption exam; or	3	CIS 120		3	
CIS 130	CIS 202, see advisor		General Education	Humanities and Fine Arts		
0.0 1.00		4	Ceneral Education	(General Education)	3	
MATH 121, MATH 123 or MATH 141	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
ENGL 101	Core Academic Skills (General Education)	3	MATH 125 or MATH 325		3	
LINK 101	General Education	1	CIS 230		4	Yearly Total
	Subtotal	14	1	Subtotal	16	→ 30
	st Semester		Sec	ond Semester		
Course	Notes	Hours	Course	Notes	Hours	
CIS 243		3	CIS 140		1	
General Education	World Cultures	3	CIS 240		3	
HIST 111 or POLS 101	Founding Documents (General Education)	3	CIS 260		3	
Laboratory Science	Scientific and Mathematical Reasoning (General Education)	4	Elective		1	
MATH 211 or MATH 311	Ludduony	3	General Education	Behavioral and Social Perspectives (General	3	
311			MATH 212	Education) Scientific and Mathematical		
				Reasoning (General	3	
				Education)		
	Subtotal	16		Education) Subtotal	14	Yearly Total
Firs		16	Sec	Subtotal	14	
	st Semester			Subtotal ond Semester		
Course		Hours	Course	Subtotal	Hours	
Course CIS 231	st Semester	Hours 4	Course CIS 343	Subtotal ond Semester	Hours 3	
Course CIS 231 CIS 344	st Semester Notes	Hours	Course CIS 343 CIS 360	Subtotal ond Semester	Hours	
Course CIS 231 CIS 344 General Education	st Semester	Hours 4	Course CIS 343 CIS 360 CIS 345	Subtotal ond Semester	Hours 3	
Course CIS 231 CIS 344	St Semester Notes Behavioral and Social Perspectives (General	Hours 4 3	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242,	Subtotal ond Semester	Hours 3 3 3	
Course CIS 231 CIS 344 General Education	St Semester Notes Behavioral and Social Perspectives (General	Hours 4 3	COURSE CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH	Subtotal ond Semester	Hours 3 3	
Course CIS 231 CIS 344 General Education	St Semester Notes Behavioral and Social Perspectives (General	Hours 4 3	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242,	Subtotal ond Semester	Hours 3 3 3 3 3	
Course CIS 231 CIS 344 General Education	St Semester Notes Behavioral and Social Perspectives (General	Hours 4 3	COURSE CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH	Subtotal ond Semester	Hours 3 3 3	
Course CIS 231 CIS 344 General Education Elective	St Semester Notes Behavioral and Social Perspectives (General	Hours 4 3 3 3 3	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308	Subtotal ond Semester	Hours 3 3 3 3 3	30
Course CIS 231 CIS 344 General Education Elective	St Semester Notes Behavioral and Social Perspectives (General	Hours 4 3 3 3 1	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308	Subtotal ond Semester	Hours 3 3 3 3 3	
Course CIS 231 CIS 344 General Education Elective Elective Elective	Behavioral and Social Perspectives (General Education) Subtotal	Hours 4 3 3 1 1 15	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308 Elective	Subtotal ond Semester Notes Subtotal ond Semester	Hours 3 3 3 3 3 15	→ 30 Yearly Tota
Course CIS 231 CIS 344 General Education Elective Elective Elective Firs	St Semester Notes Behavioral and Social Perspectives (General Education) Subtotal	Hours 4 3 3 3 1 1 1 15 Hours	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308 Elective Sec. Course	Subtotal ond Semester Notes Subtotal	Hours 3 3 3 3 3 3 45 Hours	→ 30 Yearly Tota
Course CIS 231 CIS 344 General Education Elective Elective Elective Firs Course CIS 346	Behavioral and Social Perspectives (General Education) Subtotal	Hours 4 3 3 3 1 1 1 1 5 Hours 3	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308 Elective Sec Course CIS 320	Subtotal ond Semester Notes Subtotal ond Semester	Hours 3 3 3 3 3 3 15 Hours 3	→ 30 Yearly Tota
Course CIS 231 CIS 344 General Education Elective Elective Elective Firs Course CIS 346 CIS 341	Behavioral and Social Perspectives (General Education) Subtotal	Hours 4 3 3 4 1 1 1 1 5 Hours 3 3 3	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308 Elective Sec Course CIS 320 CIS 449	Subtotal ond Semester Notes Subtotal ond Semester	Hours 3 3 3 4 15 Hours 3 3 3	→ 30 Yearly Tota
Course CIS 231 CIS 344 General Education Elective Elective Firs Course CIS 346 CIS 341 Elective	Behavioral and Social Perspectives (General Education) Subtotal	Hours 4 3 3 1 1 15 Hours 3 3 3	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308 Elective Sec Course CIS 320 CIS 449 Elective	Subtotal ond Semester Notes Subtotal ond Semester	Hours 3 3 3 3 15 Hours 3 3 3 3	→ 30 Yearly Tota
Course CIS 231 CIS 344 General Education Elective Elective Elective Course CIS 346 CIS 341 Elective Elective	Behavioral and Social Perspectives (General Education) Subtotal st Semester Notes	Hours 4 3 3 4 1 1 1 1 5 Hours 3 3 3	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308 Elective Sec Course CIS 320 CIS 449 Elective Elective	Subtotal ond Semester Notes Subtotal ond Semester	Hours 3 3 3 4 15 Hours 3 3 3	→ 30 Yearly Tota
Course CIS 231 CIS 344 General Education Elective Elective Firs Course CIS 346 CIS 341 Elective	St Semester Notes Behavioral and Social Perspectives (General Education) Subtotal St Semester Notes Humanities and Fine Arts	Hours 4 3 3 1 1 15 Hours 3 3 3 3 3 3	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308 Elective Sec Course CIS 320 CIS 449 Elective	Subtotal ond Semester Notes Subtotal ond Semester	Hours 3 3 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	→ 30 Yearly Tota
Course CIS 231 CIS 344 General Education Elective Elective Elective Course CIS 346 CIS 341 Elective Elective	Behavioral and Social Perspectives (General Education) Subtotal st Semester Notes	Hours 4 3 3 1 1 15 Hours 3 3 3	Course CIS 343 CIS 360 CIS 345 MATH 200, MATH 242, MATH 300 or MATH 308 Elective Sec Course CIS 320 CIS 449 Elective Elective	Subtotal ond Semester Notes Subtotal ond Semester	Hours 3 3 3 3 15 Hours 3 3 3 3	→ 30 Yearly Tota