

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

2022-2023

Lander University
4-Year Major Guide
Even Fall Year Entry

can be taken any semester

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	CIS 102	or successful completion of CIS 102 exemption exam; or CIS 202, see advisor	3	CIS 120		3	
	CIS 130		4	General Education	Humanities and Fine Arts (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	
	Subtotal			Subtotal			Yearly Totals
			14			16	30
Second Year	First Semester			Second Semester			
	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		3	General Education	Behavioral and Social Perspectives (General Education)	3		
	Subtotal			Subtotal			Yearly Totals
			16			14	30
Third Year	First Semester			Second Semester			
	CIS 231		4	CIS 343		3	
	CIS 344		3	CIS 360		3	
	General Education	Behavioral and Social Perspectives (General Education)	3	CIS 345		3	
	Elective		3	MATH 200, MATH 242, MATH 300 or MATH 308		3	
Elective		1	Elective		3		
Elective		1					
	Subtotal			Subtotal			Yearly Totals
			15			15	30
Fourth Year	First Semester			Second Semester			
	CIS 346		3	CIS 320		3	
	CIS 341		3	CIS 449		3	
	Elective		3	Elective		3	
	Elective		3	Elective		3	
General Education	Humanities and Fine Arts (General Education)	3	Elective		3		
	Subtotal			Subtotal			Yearly Totals
			15			15	30
Total Hours Required:							120