

Major/Program	Cybersecurity (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 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	Yearly Totals 30
	CIS 130		4	CIS 230		4	
	ENGL 101	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
	MATH 121, MATH 123 or MATH 141	Core Academic Skills (General Education)	3	General Education	Humanities and Fine Arts (General Education)	3	
	LINK 101	General Education	1	MATH 125 or MATH 325		3	
	Subtotal			14	Subtotal		

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CIS 243		3	CIS 140		1	Yearly Totals 30
	General Education	World Cultures	3	CIS 240		3	
	HIST 111R, HIST 112R, or POLS 101R	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	MATH 200, MATH 208, MATH 242, MATH 300, or MATH 308	Scientific and Mathematical Reasoning (General Education)	3	
	Subtotal			16	Subtotal		

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	CIS 231		4	CIS 320		3	Yearly Totals 30
	CIS 341		3	CIS 343		3	
	Elective		3	CIS 345		3	
	Elective		1	Elective		3	
	Elective		1	General Education	Behavioral and Social Perspectives (General Education)	3	
	Subtotal			15	Subtotal		

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Fourth Year	CIS 344		3	CIS 360		3	Yearly Totals 30
	CIS 346		3	CIS 449		3	
	Elective		3	Elective		3	
	Elective		3	Elective		3	
	General Education	Humanities and Fine Arts (General Education)	3	Elective		3	
	Subtotal			15	Subtotal		

Total Hours Required: 120