

Major/Program	Cybersecurity (Computer Information Systems)
College	Business and Technology
Department	Applied Computing
Contact	Dr. Lloyd Willis, Interim Dean
2025-2026	

Lander University
4-Year Major Guide
Odd Fall Year Entry

can be taken any semester

		First Semester		Second Semester		TOTALS				
First Year	Course	Notes	Hours	Course	Notes	Hours				
	CIS 102	or successful completion of CIS 102 exemption exam; or CIS 202, see advisor	3	CIS 120		3				
	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	16	→	Yearly Totals	30
Second Year	First Semester			Second Semester						
	Course	Notes	Hours	Course	Notes	Hours				
	CYBR 243		3	CYBR 140		1				
	General Education	World Cultures	3	CIS 240		3				
	HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3	CYBR 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		3			
					Scientific and Mathematical Reasoning (General Education)	3				
		Subtotal	16			Subtotal	14	→	Yearly Totals	30
Third Year	First Semester			Second Semester						
	Course	Notes	Hours	Course	Notes	Hours				
	CIS 231		4	CIS 320		3				
	CIS 341		3	CYBR 343		3				
	Elective		3	CYBR 345		3				
	Elective		1	Elective		3				
		Elective		1	General Education	Behavioral and Social Perspectives (General Education)	3			
		General Education	Behavioral and Social Perspectives (General Education)	3						
		Subtotal	15			Subtotal	15	→	Yearly Totals	30
Fourth Year	First Semester			Second Semester						
	Course	Notes	Hours	Course	Notes	Hours				
	CYBR 344		3	CIS 360		3				
	CYBR 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	15	→	Yearly Totals	30

Total Hours Required: 120