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
Even Fall Year Entry

<mark>**can be taken any semester**</mark>

First Year

First Semester Course	Notes	Hours	Second Semester Course	Notes	Hours	TOTALS
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 Course	Notes	Hours	Second Semester Course	Notes	Hours	TOTALS
CIS 243		3	CIS 140		1	
General Education HIST 111R, HIST 112R, or POLS 101R	*World Cultures*	3	CIS 240		3	
	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	
			MATH 212	*Scientific and Mathematical Reasoning (General Education)*	3	
	Subtotal	**16**		**Subtotal**	**14**	Yearly Totals **30**

Third Year

First Semester Course	Notes	Hours	Second Semester Course	Notes	Hours	TOTALS
CIS 231		4	CIS 343		3	
CIS 344		3	CIS 360		3	
Elective		3	CIS 345		3	
Elective		1	Elective		3	
Elective		1	MATH 200, MATH 208, MATH 242, MATH 300 or MATH 308		3	
General Education	*Behavioral and Social Perspectives (General Education)*	3				
	Subtotal	**15**		**Subtotal**	**15**	Yearly Totals **30**

Fourth Year

First Semester Course	Notes	Hours	Second Semester Course	Notes	Hours	TOTALS
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	**15**		**Subtotal**	**15**	Yearly Totals **30**

Total Hours Required: **120**