

Major/Program	Cybersecurity (Computer Information Systems)
College	Science and Mathematics
Department	Mathematics and Computing
Contact	Dr. Jennifer Yates, Interim Dean 2023-2024

Lander University
4-Year Major Guide
Even Fall Year Entry

can be taken any semester

First Year

First Semester		
Course	Notes	Hours
CIS 102	or successful completion of CIS 102 exemption exam; or CIS 202, see advisor	3
CIS 130		4
MATH 121, MATH 123 or MATH 141	Core Academic Skills (General Education)	3
ENGL 101	Core Academic Skills (General Education)	3
LINK 101	General Education	1
Subtotal		14

Second Semester		
Course	Notes	Hours
CIS 120		3
General Education		3
<i>Humanities and Fine Arts (General Education)</i>		
ENGL 102	Core Academic Skills (General Education)	3
MATH 125 or MATH 325		3
CIS 230		4
Subtotal		16

TOTALS

Yearly Totals
30

Second Year

First Semester		
Course	Notes	Hours
CIS 243		3
General Education		3
<i>World Cultures (General Education)</i>		
HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3
Laboratory Science	Scientific and Mathematical Reasoning (General Education)	4
MATH 211 or MATH 311		3
Subtotal		16

Second Semester		
Course	Notes	Hours
CIS 140		1
CIS 240		3
CIS 260		3
Elective		1
General Education		3
<i>Behavioral and Social Perspectives (General Education)</i>		
MATH 212	Scientific and Mathematical Reasoning (General Education)	3
Subtotal		14

Yearly Totals
30

Third Year

First Semester		
Course	Notes	Hours
CIS 231		4
CIS 344		3
General Education		3
<i>Behavioral and Social Perspectives (General Education)</i>		
Elective		3
Elective		1
Elective		1
Subtotal		15

Second Semester		
Course	Notes	Hours
CIS 343		3
CIS 360		3
CIS 345		3
MATH 200, MATH 242, MATH 300 or MATH 308		3
Elective		3
Subtotal		15

Yearly Totals
30

Fourth Year

First Semester		
Course	Notes	Hours
CIS 346		3
CIS 341		3
Elective		3
Elective		3
General Education		3
<i>Humanities and Fine Arts (General Education)</i>		
Subtotal		15

Second Semester		
Course	Notes	Hours
CIS 320		3
CIS 449		3
Elective		3
Elective		3
Elective		3
*FALS 101	University Requirement	0
Subtotal		15

Yearly Totals
30

* FALS Requirement Temporarily Suspended

Total Hours Required: 120