Major/Program	Computer Information Systems (Software Development)
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

can be moved to 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
ENGL 101	*Core Academic Skills (General Education)*	3
MATH 121, MATH 123 or MATH 141	*Core Academic Skills (General Education)*	3
LINK 101	*Core Academic Skills (General Education)*	1
	Subtotal	**14**

Second Semester

Course	Notes	Hours
CIS 120		3
CIS 230		4
ENGL 102	*Core Academic Skills (General Education)*	3
General Education	*Humanities and Fine Arts*	3
*MATH 125 or MATH 325		3
	Subtotal	**16**

Yearly Totals 30

Second Year

First Semester

Course	Notes	Hours
CIS 231		4
Elective		3
General Education HIST 111R, HIST 112R, or POLS 101R	*World Cultures (General Education)*	3
	Founding Documents (General Education)	3
*MATH 211 or MATH 311		3
	Subtotal	**16**

Second Semester

Course	Notes	Hours
CIS 234		1
CIS 240		3
Elective		3
*MATH 212 or MATH 142	*Scientific and Mathematical Reasoning (General Education)*	3
PHYS 203	*Scientific and Mathematical Reasoning (General Education)*	4
	Subtotal	**14**

Yearly Totals 30

Third Year

First Semester

Course	Notes	Hours
CIS 250		3
CIS 321		3
Elective		3
Elective		3
General Education	*Behavioral and Social Perspectives (General Education)*	3
	Subtotal	**15**

Second Semester

Course	Notes	Hours
CIS 360		3
CIS 498		3
Elective		3
General Education	*Behavioral and Social Perspectives (General Education)*	3
*MATH 200, MATH 208, MATH 242, MATH 300 or MATH 308		3
	Subtotal	**15**

Yearly Totals 30

Fourth Year

First Semester

Course	Notes	Hours
CIS 335		3
Elective		3
Elective		3
Elective		3
General Education	*Humanities and Fine Arts*	3
	Subtotal	**15**

Second Semester

Course	Notes	Hours
CIS 320		3
CIS 330		3
CIS 499		3
Elective		3
Elective		3
	Subtotal	**15**

Yearly Totals 30

Total Hours Required: 120

*Select appropriate course according to the minor chosen. Approved minors are listed in the catalog.