

Major/Program	Computer Information Systems (Software Development)
College	Business and Technology
Department	Applied Computing
Contact	Dr. Lloyd Willis, Interim Dean

2025-2026

Lander University
4-Year Major Guide
Even Fall Year Entry

can be moved to any semester

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	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year		or successful completion of CIS 102 exemption exam; or CIS 202, see advisor					
	CIS 102		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	3	
	LINK 101	Core Academic Skills (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	
	CIS 231		4	CIS 234		1	
	Elective		3	CIS 240		3	
	General Education	World Cultures (General Education)	3	Elective		3	
	HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3	*MATH 212 or MATH 142	Scientific and Mathematical Reasoning (General Education)	3	
	*MATH 211 or MATH 311		3	PHYS 203	Scientific and Mathematical Reasoning (General Education)	4	
	Subtotal		16	Subtotal		14	Yearly Totals 30
Third Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	CIS 250		3	CIS 360		3	
	CIS 321		3	CIS 498		3	
	Elective		3	Elective		3	
	Elective		3	General Education	Behavioral and Social Perspectives (General Education)	3	
	General Education	Behavioral and Social Perspectives (General Education)	3	*MATH 200, MATH 208, MATH 242, MATH 300 or MATH 308		3	
	Subtotal		15	Subtotal		15	Yearly Totals 30
Fourth Year	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
	CIS 335		3	CIS 320		3	
	Elective		3	CIS 330		3	
	Elective		3	CIS 499		3	
	Elective		3	Elective		3	
	General Education	Humanities and Fine Arts	3	Elective		3	
	Subtotal		15	Subtotal		15	Yearly Totals 30

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