

Major/Program	Computer Information Systems (Dual Engineering)
College	Business and Technology
Department	Applied Computing
Contact	Dr. Lloyd Willis, Interim Dean
2026-2027	

Lander University
4-Year Major Guide
Odd Year Fall Entry

Can be moved to any semester

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
First Year	CIS 130		4	CIS 120		3	
	CHEM 111	Scientific and Mathematical Reasoning (General Education)	4	CIS 230		4	
	ENGL 101	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
	MATH 141	Core Academic Skills (General Education)	4	MATH 134		3	
	LINK 101	General Education	1	MATH 142		4	
	Subtotal			Subtotal			
16			17			33	

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CIS 231		4	CIS 234		1	
	CIS 321		3	CIS 240		3	
	MATH 241		4	CIS 360		3	
	MATH 325		3	MATH 242		4	
	PHYS 211	Scientific and Mathematical Reasoning (General Education)	4	PHYS 212		4	
	Subtotal			Subtotal			
18			15			33	

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	ANTH 104, HIST 101, HIST 102, HIST 113, PSYC 101	Behavioral and Social Perspectives (General Education)	3	CIS 320		3	
	CIS 202		3	CIS 499		3	
	General Education	World Cultures	3	ECON 201, ECON 202, POLS 103, SOC1 101, SOCI 202	Behavioral and Social Perspectives (General Education)	3	
	MATH 308		3	HIST 111R, HIST 112R, or POLS 101R	Founding Documents (General Education)	3	
	Non-Literature Requirement: see list below	Humanities and Fine Arts (General Education)	3	Literature Requirement: see note below	Humanities and Fine Arts (General Education)	3	
	Subtotal			Subtotal			
15			15			30	
			Total Hours Required From Lander:			96	

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Fourth Year				Transferred from Clemson			
				24			
Subtotal			Subtotal			Yearly Totals	
0			24			24	

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Fifth Year							
	Subtotal			Subtotal			
0			0			Yearly Totals	
0			0			0	

Total Hours Required: **120**

Students must take ECE 272 (Computer Organization) at Clemson in place of CIS 335; which is a core requirement at Lander