

Major/Program	Computer Information Systems (Engineering)
College	Science and Mathematics
Department	Mathematics and Computing
Contact	Dr. Dave Slimmer, Dean

2021-2022

Lander University

4-Year Major Guide

Even 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 230		4	
	MATH 141	Core Academic Skills (General Education)	4	CIS 120		3	
	CHEM 111	Scientific and Mathematical Reasoning (General Education)	4	MATH 142		4	
	ENGL 101	Core Academic Skills (General Education)	3	ENGL 102	Core Academic Skills (General Education)	3	
	LINK 101	Core Academic Skills (General Education)	1	PSYC 101, SOCI 101, or POLS 103	Behavioral and Social Perspectives (General Education)	3	
	Subtotal			16	Subtotal		
							Yearly Totals
							33

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CIS 231		4	CIS 240		3	
	CIS 202		3	CIS 320		3	
	MATH 241		4	MATH 242		4	
	MATH 211 or MATH 311		3	PHYS 212		4	
	PHYS 211	Scientific and Mathematical Reasoning (General Education)	4	Elective		3	
	Subtotal			18	Subtotal		
							Yearly Totals
							36

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	CIS 321		3	CIS 360		3	
	*MATH 308 or MATH 325		3	CIS 499		3	
	ENGL 201, 202, 204, 205, 214, 221, or 241	Humanities and Fine Arts (General Education)	3	Required Mathematics Minor	300-level or above MATH	3	
	HIST 101, HIST 102, or POLS 103	Behavioral and Social Perspectives (General Education)	3	Required Mathematics Minor	300-level or above MATH or MATH 212	3	
	ES 314	World Cultures (General Education)	3	HIST 111 or POLS 101	Founding Documents (General Education)	3	
	HUMA 285, PHIL 101, PHIL 103, MUSI 101, or THTR 201	Humanities and Fine Arts (General Education)	3	FALS 101	Core Academic Skills (General Education)	0	
Subtotal			18	Subtotal			15
							Yearly Totals
							33

*These mathematics courses (MATH 308 or MATH 325) are required for the Computer Engineering degree from Clemson. Students should take at least one at Lander; the other will be taken at Clemson.

Total Hours Required From Lander:

102

	Fourth Year			TOTALS
	Course	Notes	Hours	
Fourth Year	Transferred from Clemson			18
	Subtotal			18
				Yearly Totals
				18

	Fifth Year (Optional)			TOTALS
	Course	Notes	Hours	
Fifth Year (Optional)	Subtotal			0
				0

Total Hours Required:

120

Some CIS and Mathematics courses are taught every other year; therefore individual schedules will vary
 Students must take ECE 272 (Computer Organization) at Clemson in place of CIS 335; which is a core requirement at Lander