

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

2020-2021

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 230		4	
	MATH 141	Core Academic Skills (General Education)	4	CIS 120		3	
		Scientific and Mathematical Reasoning (General Education)		MATH 142		4	
	CHEM 111		4	ENGL 102	Core Academic Skills (General Education)	3	
	ENGL 101	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		17	Yearly Totals 33

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CIS 231		4	CIS 240		3	
	CIS 321		3	CIS 360		3	
	MATH 241		4	MATH 242		4	
	**MATH 308 or MATH 325		3	PHYS 212		4	
	PHYS 211	Scientific and Mathematical Reasoning (General Education)	4	Elective		3	
				CIS 234		1	
	Subtotal		18	Subtotal		18	Yearly Totals 36

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	CIS 202		3	CIS 320		3	
	MATH 211 or MATH 311		3	CIS 499		3	
	HUMA 285, PHIL 101, PHIL 103, MUSI 101, or THTR 201	Humanities and Fine Arts (General Education)	3	FALS 101		0	
	HIST 101, HIST 102, or POLS 103	Behavioral and Social Perspectives (General Education)	3	ENGL 201, ENGL 202, ENGL 204, ENGL 205, ENGL 214, ENGL 221, or ENGL 241	Humanities and Fine Arts (General Education)	3	
	ES 314	World Cultures (General Education)	3	HIST 111 or POLS 101	Founding Documents (General Education)	3	
				Required Mathematics Minor	300-level or above MATH	3	
				Required Mathematics Minor	300-level or above MATH or MATH 212	3	
	Subtotal		15	Subtotal		18	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
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	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	Yearly Totals 0

Total Hours Required:	120
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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.