

Major/Program	Computer Information Systems (Engineering)
College	Science and Mathematics
Department	Mathematics and Computing
Contact	Dave Slimmer, Dean
2019-2020	

# 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	
	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, POLS 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	CHEM 381	Global Issues and Cultures (General Education 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	
	MUSI 101 or THTR 201	Humanities and Fine Arts (General Education)	3	FALS 101	Core Academic Skills (General Education)	0	
	PSYC 101, SOCI 101, POLS 101, 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	
	Foreign Language	Core Academic Skills (General Education)	3	HIST 101, HIST 102, or POLS 103	General Education Elective	3	
	Elective	General Education Elective	2	Math Minor electives^		6	
		Subtotal	17		Subtotal	18	Yearly Totals 35

\*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:**

**104**

	Fourth Year			TOTALS
	Course	Notes	Hours	
Fourth Year		Transferred from Clemson	16	
		Subtotal	16	Yearly Totals 16

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

**Total Hours Required:**

**120**

^ Some courses in the Global Issues and Cultures category may satisfy Clemson's Science and Technology in Society requirement  
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