

<b>Major/Program</b>	Computer Information Systems (Engineering)
<b>College</b>	Science and Mathematics
<b>Department</b>	Mathematics and Computing
<b>Contact</b>	Dr. Dave Slimmer, Dean
2022-2023	

## 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 134		3	
	ENGL 101	Core Academic Skills (General Education)	3	MATH 142		4	
	LINK 101	General Education	1	ENGL 102	Core Academic Skills (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 234		1	
	CIS 321		3	CIS 240		3	
	MATH 241		4	CIS 360		3	
	**MATH 308 or MATH 325		3	MATH 242		4	
	PHYS 211	Scientific and Mathematical Reasoning (General Education)	4	PHYS 212		4	
	Subtotal 18			Subtotal 15			Yearly Totals 33

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	CIS 202		3	CIS 320		3	
	MATH 311		3	CIS 499		3	
	HUMA 285, PHIL 101, PHIL 103, MUSI 101, or THTR 201	Humanities and Fine Arts (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	
	HIST 101, HIST 102, or POLS 103	Behavioral and Social Perspectives (General Education)	3	HIST 111 or POLS 101	Founding Documents (General Education)	3	
	ES 314	World Cultures (General Education)	3	PSYC 101, SOCI 101, or POLS 103	Behavioral and Social Perspectives (General Education)	3	
	Subtotal 15			FALS 101	University Requirement	0	Yearly Totals 30

\*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:**

**96**

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

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