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

2022-2023

Lander University
4-Year Major Guide
Odd Year Fall Entry

Can be moved to any semester

First Year

First Semester

Course	Notes	Hours
CIS 130		4
MATH 141	*Core Academic Skills (General Education)*	4
CHEM 111	*Scientific and Mathematical Reasoning (General Education)*	4
ENGL 101	*Core Academic Skills (General Education)*	3
LINK 101	*General Education*	1
	Subtotal	**16**

Second Semester

Course	Notes	Hours
CIS 230		4
CIS 120		3
MATH 134		3
MATH 142		4
ENGL 102	*Core Academic Skills (General Education)*	3
	Subtotal	**17**

TOTALS

Yearly Totals 33

Second Year

First Semester

Course	Notes	Hours
CIS 231		4
CIS 321		3
MATH 241		4
**MATH 308 or MATH 325		3
PHYS 211	*Scientific and Mathematical Reasoning (General Education)*	4
	Subtotal	**18**

Second Semester

Course	Notes	Hours
CIS 234		1
CIS 240		3
CIS 360		3
MATH 242		4
PHYS 212		4
	Subtotal	**15**

Yearly Totals 33

Third Year

First Semester

Course	Notes	Hours
CIS 202		3
MATH 311		3
HUMA 285, PHIL 102, PHIL 103, MUSI 101, or THTR 201	*Humanities and Fine Arts (General Education)*	3
HIST 101, HIST 102, or POLS 103	*Behavioral and Social Perspectives (General Education)*	3
ES 314	*World Cultures (General Education)*	3
	Subtotal	**15**

Second Semester

Course	Notes	Hours
CIS 320		3
CIS 499		3
ENGL 201, ENGL 202, ENGL 204, ENGL 205, ENGL 214, ENGL 221, or ENGL 241	*Humanities and Fine Arts (General Education)*	3
HIST 111 or POLS 101	*Founding Documents (General Educaiton)*	3
PSYC 101, SOCI 101,or POLS 103	*Behavioral and Social Perspectives (General Education)*	3
FALS 101	*University Requirement*	0
	Subtotal	**15**

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**

Fourth Year

First Semester

Course	Notes	Hours

Second Semester

Course	Notes	Hours
Transferred from Clemson		24
	Subtotal	**24**

Yearly Totals 24

Fifth Year (Optional)

First Semester

Course	Notes	Hours

Second Semester

Course	Notes	Hours
	Subtotal	**0**

Yearly Totals 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