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

2018-2019

Lander University
4-Year Major Guide
Odd Year Fall Entry

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	Core Academic Skills (General Education)	1
Subtotal		**16**

Second Semester

Course	Notes	Hours
CIS 230		4
CIS 120		3
MATH 142		4
ENGL 102	Core Academic Skills (General Education)	3
PSYC 101, SOCI 101, POLS 101, or POLS 103	Behavioral and Social Perspectives (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 240		3
CIS 360		3
MATH 242		4
PHYS 212		4
CHEM 381	Global Issues and Cultures (General Education Elective)	3
CIS 234		1
Subtotal		**18**

Yearly Totals → **36**

Third Year

First Semester

Course	Notes	Hours
CIS 202		3
MATH 211 or MATH 311		3
MUSI 101 or THTR 201	Humanities and Fine Arts (General Education)	3
PSYC 101, SOCI 101, POLS 101, or POLS 103	Behavioral and Social Perspectives (General Education)	3
Foreign Language	Core Academic Skills (General Education)	3
Elective	General Education Elective	2
Subtotal		**17**

Second Semester

Course	Notes	Hours
CIS 320		3
CIS 499		3
FALS 101	Core Academic Skills (General Education)	0
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	General Education Elective	3
Math Minor electives^		6
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

First Semester

Second Semester

Course	Notes	Hours
Transferred from Clemson		16
Subtotal		**16**

Yearly Totals → **16**

Fifth Year (Optional)

First Semester

Second Semester

Course	Notes	Hours
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