

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

2017-2018

**Lander University**  
**4-Year Major Guide** Odd  
Year Fall Entry

**First Semester**

Course	Notes	Hours
CIS 130	Logic & Analytical Thought (General Education)	4
MATH 141	Mathematics (Gen. Educ.)	4
CHEM 111		4
ENGL 101	Writing (Gen. Educ.)	3
PEES 175	Wellness (Gen. Educ.)	2
LINK 101	University Requirement	1
<b>Subtotal</b>		<b>18</b>

**Second Semester**

Course	Notes	Hours
CIS 230		4
CIS 120		3
MATH 142		4
ENGL 102	Writing (Gen. Educ.)	3
PSYC 101 or SOCI 101	Behavioral Science (General Education)	3
<b>Subtotal</b>		<b>17</b>

**Yearly Totals**  
35

**First Semester**

Course	Notes	Hours
CIS 231		4
CIS 321		3
MATH 241		4
*MATH 308 or MATH 325		3
PHYS 211	Lab Science (Gen. Educ.)	4
<b>Subtotal</b>		<b>18</b>

**Second Semester**

Course	Notes	Hours
CIS 240		3
CIS 360		3
MATH 242		4
PHYS 212	Lab Science (General Education)	4
Literature	General Education	3
CIS 234		1
<b>Subtotal</b>		<b>18</b>

**Yearly Totals**  
36

**First Semester**

Course	Notes	Hours
PEES 176	Wellness (Gen. Educ.)	1
CIS 202		3
MATH 311 or MATH 211- MATH 212		3
MUSI 101 or THTR 201	Fine Arts (Gen. Educ.)	3
ECON 201 or POLS 101 or POLS 103	Political Economy (General Education)	3
Foreign Language	University Requirement	3
FALS 101	University Requirement	1
<b>Subtotal</b>		<b>17</b>

**Second Semester**

Course	Notes	Hours
CIS 320		3
CIS 499		3
Humanities or Literature	General Education	3
HIST 101 or HIST 102	History (General Education)	3
^CHEM 381 or ECON 321	Global Issues / Nonwestern Studies (General Education)	3
Foreign Language	University Requirement	3
<b>Subtotal</b>		<b>18</b>

**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:** 106

**Fourth Year**

Course	Notes	Hours
Transferred from Clemson		
<b>Subtotal</b>		<b>17</b>

Course	Notes	Hours
Transferred from Clemson		
<b>Subtotal</b>		<b>17</b>

**Yearly Totals**  
17

**Fifth Year (Optional)**

Course	Notes	Hours
Subtotal		
<b>Subtotal</b>		<b>0</b>

Course	Notes	Hours
Subtotal		
<b>Subtotal</b>		<b>0</b>

**Yearly Totals**  
0

**Total Hours Required:** 123

^ Some courses in the Global Issues/Nonwestern Studies 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