

<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

2021-2022

## 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	
<b>First Year</b>	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, or POLS 103	Behavioral and Social Perspectives (General Education)	3	
	<b>Subtotal</b>			16	<b>Subtotal</b>		
							<b>Yearly Totals</b>
							33

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
<b>Second Year</b>	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	Elective		3	
	<b>Subtotal</b>			18	<b>Subtotal</b>		
							<b>Yearly Totals</b>
							36

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
<b>Third Year</b>	CIS 202		3	CIS 320		3	
	MATH 211 or MATH 311		3	CIS 499		3	
	HUMA 285, PHIL 101, PHIL 103, MUSI 101, or THTR 201	Humanities and Fine Arts (General Education)	3	FALS 101		0	
	HIST 101, HIST 102, 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	
	ES 314	World Cultures (General Education)	3	HIST 111 or POLS 101	Founding Documents (General Education)	3	
	<b>Subtotal</b>			15	<b>Subtotal</b>		
							<b>Yearly Totals</b>
							33

\*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.

<b>Total Hours Required From Lander:</b>	<b>102</b>
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	Fourth Year			TOTALS
	Course	Notes	Hours	
			Transferred from Clemson	18
<b>Subtotal</b>			18	<b>Yearly Totals</b>
			18	

	Fifth Year (Optional)			TOTALS
	Course	Notes	Hours	
<b>Subtotal</b>			0	<b>Yearly Totals</b>
			0	

<b>Total Hours Required:</b>	<b>120</b>
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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