

<b>Major/Program</b>	Computer Information Systems (Engineering)
<b>College</b>	Science and Mathematics
<b>Department</b>	Mathematics and Computing
<b>Contact</b>	Dr. Jennifer Yates, Interim Dean
2023-2024	

## Lander University

### 4-Year Major Guide

Even 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 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	
	<b>Subtotal</b>			16	<b>Subtotal</b>		
							<b>Yearly Totals</b>
							33

	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
<b>Second Year</b>	CIS 231		4	CIS 234		1	
	CIS 202		3	CIS 240		3	
	MATH 241		4	CIS 320		3	
	MATH 308		3	MATH 242		4	
	PHYS 211	Scientific and Mathematical Reasoning (General Education)	4	PHYS 212		4	
	<b>Subtotal</b>			18	<b>Subtotal</b>		
							<b>Yearly Totals</b>
							33

	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
<b>Third Year</b>	CIS 321		3	CIS 360		3	
	MATH 325		3	CIS 499		3	
	World Cultures	(General Education)	3	HIST 111R, HIST 112R, or POLS 101R Literature Requirement	Founding Documents (General Education) Humanities and Fine Arts (General Education)	3	
	ANTH 101, HIST 101, HIST 102, HIST 113, PSYC 101	Behavioral and Social Perspectives (General Education)	3	ECON 201, ECON 202, POLS 103, SOC1 101, SOCI 202	Behavioral and Social Perspectives (General Education)	3	
	Non-Literature Requirement	Humanities and Fine Arts (General Education)	3	*FALS 101	University Requirement	0	
	<b>Subtotal</b>			15	<b>Subtotal</b>		
							<b>Yearly Totals</b>
							30

<b>Total Hours Required From Lander:</b>	<b>96</b>
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	First Semester			Second Semester			
	Course	Notes	Hours	Course	Notes	Hours	
<b>Fourth Year</b>				Transferred from Clemson			24
	<b>Subtotal</b>			<b>Subtotal</b>			24
							<b>Yearly Totals</b>
							24

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

* FALS Requirement Temporarily Suspended	<b>Total Hours Required:</b>	<b>120</b>
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Students must take ECE 272 (Computer Organization) at Clemson in place of CIS 335; which is a core requirement at Lander  
 Literature Requirement (Clemson): ENGL 201, ENGL 202, ENGL 204, ENGL 205, ENGL 221, ENGL 241, or ENGL 251