

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

2024-2025

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	
First Year	CIS 130		4	CIS 120		3	
		<i>Scientific and Mathematical Reasoning (General Education)</i>					
	CHEM 111		4	CIS 230		4	
		<i>Core Academic Skills (General Education)</i>			<i>Core Academic Skills (General Education)</i>		
	ENGL 101		3	ENGL 102		3	
	<i>Core Academic Skills (General Education)</i>						
MATH 141		4	MATH 134		3		
LINK 101		1	MATH 142		4		
	<i>General Education</i>						
	Subtotal		16	Subtotal		17	Yearly Totals 33

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Second Year	CIS 231		4	CIS 234		1	
	CIS 321		3	CIS 240		3	
	MATH 241		4	CIS 360		3	
	MATH 325		3	MATH 242		4	
		<i>Scientific and Mathematical Reasoning (General Education)</i>					
PHYS 211		4	PHYS 212		4		
	Subtotal		18	Subtotal		15	Yearly Totals 33

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Third Year	ANTH 101, HIST 101, HIST 102, HIST 113, PSYC 101	<i>Behavioral and Social Perspectives (General Education)</i>	3	CIS 320		3	
	CIS 202		3	CIS 499		3	
				ECON 201, ECON 202, POLS 103, SOC1 101, SOCI 202	<i>Behavioral and Social Perspectives (General Education)</i>	3	
	General Education	<i>World Cultures</i>	3	HIST 111R, HIST 112R, or POLS 101R	<i>Founding Documents (General Education)</i>	3	
	MATH 308		3	Literature Requirement: see note below	<i>Humanities and Fine Arts (General Education)</i>	3	
	<i>Non-Literature Requirement: see list below</i>	<i>Humanities and Fine Arts (General Education)</i>	3				
	Subtotal		15	Subtotal		15	Yearly Totals 30

Total Hours Required From Lander:

96

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Fourth Year				Transferred from Clemson		24	
				Subtotal		24	Yearly Totals 24

	First Semester			Second Semester			TOTALS
	Course	Notes	Hours	Course	Notes	Hours	
Fifth Year							
				Subtotal		0	Yearly Totals 0

Total Hours Required:

120

Students must take ECE 272 (Computer Organization) at Clemson in place of CIS 335; which is a core requirement at Lander