2025 Academic Planning Form: COMPUTER SCIENCE   As of 6/19/2021

1st course(s) recommended for Computer Science - CSC 103 (not 101)

	Fall Semester	# of Credits	Spring Semester	# of Credits	Total Year Credits
1st Year	DWC 101 (4 credit hrs; Honors 5 credit hrs)	4	DWC 102 (4 credit hrs; Honors 5 credits hrs)	4	
	CSC 103 Introduction to Computer Science + CSC 103 Lab	4	CSC 104 Software Development + CSC 104 Lab	4	
	MTH 109 Calc I **OR** MTH 131 Calc & Analytical Geometry I **(Quantitative Reasoning Core)**	3/4	MTH Elective (MTH 217 Stats, MTH 110/132 Calc II)	3/4	
	CSC 100 First Year Computer Science Seminar	1	MTH 117 Discrete Math or MTH 290 Foundations	3	
	Core	3			
		15/16		**14/15**	**29/31**
2nd Year	DWC 201 (4 credit hrs; Honors 5 credit hrs)	4	DWC 202 (4 credit hrs; Honors 5 credits hrs)	4	
	CSC 225 Data Structures + CSC 225 Lab	4	CSC 325 Algorithms + CSC 325 Lab	4	
	CSC 240 Theory of Computation + CSC 240 Lab	4	CSC 387 Computer Architecture + CSC 387 Lab	4	
	Core	3	Core	3	
	Core	3	Core	3	
		18		**18**	**36**
3rd Year	CSC Applications Elective	3	CSC Topics Elective	3	
	Core	3	Core	3	
	Core	3	Core	3	
	Core	3	Free Elective	3	
	Core	3	Free Elective	3	
		15		**15**	**30**
4th Year	CSC Systems Elective	3	CSC Topics Elective	3	
	Free Elective	3	CSC Topics Elective	3	
	Free Elective	3	Free Elective	3	
	Free Elective	3	Free Elective	3	
	Free Elective	3	Free Elective	3	
		15		**15**	**30**
Graduation Requirement includes a minimum of 120 credit hours			**Total Program of Study Credits**		**125/126**

****Currently, CSC Majors fulfill the Quantitative Reasoning Core.**

Core requirements include a foundational component, and satisfaction of all proficiencies.

Foundational Component:	Proficiencies:
• DWC - 4 semester sequence, 16-20 cr. • Theology (200 & 300 level) - 6 cr. • Philosophy (1 Ethics) - 6 cr. • Natural Science - 3 cr. • Social Science - 3 cr. • Quantitative Reasoning - 3 cr. **(MTH 109, 110, 117, 131, 132)** • Fine Arts - 3 cr.	• Intensive Writing - I • Intensive Writing - II • Diversity • Civic Engagement • Oral Proficiency

Major Requirements (CSC Courses):

• CSC 100, 103, 104, 240, 225, 325, 387 • CSC Electives: 1 Systems, 1 Application, 3 Topics	• MTH 117 or 290, 131 **(or 109)** • MTH elective