

Suggested Computer Science Curriculum

Year Semester	Course (Dept., Number, Title)	Category (credit hours)					
		Comp Science Core	Comp Science Advanced.	Math	Science	General Ed	Other
First Semester Freshman Year	CS 101 : Fluency with Information Tech.						3
	MA 125: Calculus I			4			
	Laboratory Science I				4		
	EH 101: English Composition					3	
Second Semester Freshman Year	CS 201 : Intro. Object-Oriented Prog.	4					
	MA 126: Calculus II			4			
	Laboratory Science II				4		
	EH 102: English Composition					3	
First Semester Sophomore Year	CS 250 : Discrete Structures	1		2			
	CS 302 : Object-Oriented Design	4					
	MA Elective			3			
	EH 216: Literature					3	
	HY 101: Western Civilization I					3	
Second Semester Sophomore Year	CS 303 : Algorithms and Data Structures	4					
	MA Elective			3			
	Laboratory Science III				4		
	HY 102: Western Civilization II					3	
SUBTOTAL	59 credits	13		16	12	15	3

Year Semester	Course (Dept., Number, Title)	Category (credit hours)					
		Comp Science Core	Comp Science Adv.	Math	Science	General Ed	Other
First Semester Junior Year	CS 330 : Computer Organization and Assembly Language Programming	3					
	CS 350 : Automata/Formal Languages	3					
	PHL 100: Intro. Philosophy					3	
	PY 101: Intro. Psychology					3	
	SOC 100: Intro. Sociology					3	
Second Semester Junior Year	CS 401 : Programming Languages	3					
	CS 433 : Operating Systems		3				
	ANTH 101: Cultural Anthropology					3	
	ARH 101: Art Experience					3	
	CM 101: Public Speaking					3	
First Semester Senior Year	CS 420 : Software Engineering	3					
	CS 455 : Probability and Statistics in Computer Science	1		2			
	CS Electives		6				
	General Electives						3
Second Semester Senior Year	CS 499 : Senior Capstone		3				
	CS Electives		6				
	General Electives						7
SUBTOTALS	61 credits	13	18	2	0	18	10
TOTALS	120 credits	26	18	18	12	33	13