

CS Degree Requirements 2009-2010

2009/2010 Core	Course Taken	Hours	Required
ENGL 111		3	Introduction to College Composition
ENGL 112		3	College Composition and Research
COMS 101, 102 or 301		3	
MATH 107 or higher		3	
Lab Sciences -CHEM, BIOL, GEOL or PHYS - 7 hours total		4	
		3	
Visual and Performing Arts - ART, F A, IT, MUSC or THEA		3	ART 131, 231, 232, 331 F A 101, 135, 160, 401 IT 340 MUSC 213, 313, 324, 326, 327, 328 THEA 105, 207, 208, 404
Literature Course in English		3	
Social and Behavioral Sciences			
HIST 201		3	
HIST 202		3	
POLS 201		3	
POLS 202		3	
Three additional hours			Options include (The two courses cannot be from the same academic discipline):
		3	SOC 101, 201, 303 PSY 101 PHIL 101, 201, 301 ECO 101, 201 A EC 105 ARCH 201 ENGR 303 GEOG 110, 120, 201 HIST 101, 102
Wellness - HLTH 101 or		2	
Two or more hours from P ED, M S 101, M S 102, ANSC 150 or MUSC 100			
Total		42	

CS	Course Taken	Hours	Required
CS 110		3	Introduction to Computer Science
CS 221		3	Object Oriented Programming
CS 230		3	GUI Development
CS 241		3	Data Structures
CS 248		3	Introduction to Digital System Design
CS 343		4	Computer Architecture
CS 380		3	Operating Systems
CS 389		3	Introduction to Software Engineering
CS 401		3	Database Theory and Practice
CS 451		3	Distributed Applications
CS 478		4	Computer Networks
6 hours of Advanced CS/CIS Electives (CS 344 - CS 441)			
MATH 131		3	Introduction to Probability and Statistics
MATH 120		4	Calculus I
MATH 209		4	Calculus II
MATH 310		3	Discrete Mathematics
PHYS 122		4	Principle of Physics I
PHYS 242		4	Principle of Physics II
Supporting Field			
Lower Level - 12 hours		12	
Upper Level - 9 hours		9	
Science/Engineering Elective (12-14 hours)		12	
Math 118			
MATH 306			
MATH 332			
MATH 360			
ENPH 441			
ENPH 443			
Adv CS Elective			
Total		90	

General Education Requirements
CS Requirements
Total

42 Hours
90 Hours
132 Hours