



Sample Program Plan

Computer Science/Multimedia Degree

Computer Science Concentration

Based on Fall 2005 requirements

Option One: Student places into MATH 251

Fall 2005

<i>Freshman Year</i>																					
Fall				Winter				Spring													
CS 121 Intro. Software Develop.	1	CS 162 Foundations of CS II	4	CS 260 Data Structures	4	CS 161 Foundations of CS I	4	MATH 252 Calculus II	4	MATH 231 Discrete Math	3	MATH 251 Calculus I	4	General Education	7	General Education	8	General Education	6		
TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	
<i>Sophomore Year</i>																					
Fall				Winter				Spring													
CS 221 C/C++ Programming	4	CS 248 Unix Programming	3	CS 335 Networking	4	MM 252 Intro. Web Authoring	3	Electives	4-6	Electives	4-5	MATH 261 Linear Algebra	3	General Education	6-8	General Education	6-7	MM 225 Intro. MM Develop.	3	General Education	2
TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	
<i>Junior Year</i>																					
Fall				Winter				Spring													
CS 344 Systems Analysis	3	CS 360 Object-Oriented Prog.	4	CS 311 Operating Systems	3	MM 315 Multimedia Design	3	Electives	5-6	CS 370 Interface Design	3	CS 318 Algorithm Analysis	4	General Education	5-6	CS 430 Database Management	3	General Education	5	Electives	6
TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	
<i>Senior Year</i>																					
Fall				Winter				Spring													
Electives	6-9	CS 407 Seminar	2	CS 401 Capstone	1-6	General Education	6-9	Electives	6-7	Electives	9-14	General Education	6-7	General Education	6-7						
TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	TOTAL		15	