



Sample Program Plan

Computer Science/Multimedia Degree

Computer Science Concentration

Based on Fall 2005 requirements

Option Two: Student places into MATH 095/111

Fall 2005

<i>Freshman Year</i>												
Fall				Winter				Spring				
CS 121 Intro. to Software Develop.	1	CS 161 Foundations of CS I	4	CS 162 Foundations of CS II	4							
MATH 095 Algebraic Foundations	4	MATH 111 Algebra	4	MATH 112 Precalculus	4							
General Education	10	General Education	7	MM 225 Intro. MM Development	3							
				General Education	4							
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 260 Data Structures	4							
MATH 251 Calculus I	4	MATH 252 Calculus II	4	CS 335 Networking	3							
MM 252 Intro Web Authoring	3	General Education	9	MATH 231 Discrete Math	4							
MM 315 Multimedia Design	3					General Education	4					
TOTAL		14	TOTAL		16	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							
MATH 261 Linear Algebra	3	Electives	5-6	CS 370 Interface Design	3							
CS 318 Algorithm Analysis	4	General Education	5-6	CS 430 Database Management	3							
Electives	5					Electives	6					
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									
TOTAL		15	TOTAL		15	TOTAL		15				