



Sample Program Plan

Computer Science/Multimedia Degree

Scientific and Statistical Computing Concentration

Based on Fall 2005 requirements

Fall 2005

<i>Freshman Year</i>																			
Fall				Winter				Spring											
CS 121 Intro. to 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	MATH 253 Calculus III	4	General Education	4
General Education	6									General Education	4								
TOTAL		1			TOTAL		15			TOTAL		15							
		5					5					5							
<i>Sophomore Year</i>																			
Fall				Winter				Spring											
CS 221 C/C++ Programming	4	CS 248 Unix Programming	3	STAT 327 Stat & Exp Design	5	MM 252 Intro. Web Authoring	3	MATH 262 Linear Algebra II	3	Electives	4-5	MATH 261 Linear Algebra I	3	Electives	4-6	General Education	6-7		
MM 225 Intro. MM Develop.	3	General Education	6-8																
General Education	2																		
TOTAL		1			TOTAL		15			TOTAL		15							
		5					5					5							
<i>Junior Year</i>																			
Fall				Winter				Spring											
MM 315 Multimedia Design	3	Electives	7-8	CS 430 Database Management	3	Electives	6	General Education	7-8	Electives	6	General Education	6						
General Education	6																		
TOTAL		1			TOTAL		15			TOTAL		15							
		5					5					5							
<i>Senior Year</i>																			
Fall				Winter				Spring											
MATH 461 Probability & Statistics	4	MATH 462 Applied Regression	4	CS 401 Capstone	1-6	Electives	5-6	CS 407 Seminar	2	Electives	9-14	General Education	5-6	Electives	9				
TOTAL		1			TOTAL		15			TOTAL		15							
		5					5					5							