



# Sample Program Plan

## Computer Science/Multimedia Degree Statistical and Scientific Computing Concentration

Fall 2008

<b><i>Freshman Year</i></b>																					
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	MATH 253 Calculus III	4	General Education	4	General Education	6
TOTAL		15	TOTAL		15	TOTAL		15													
<b><i>Sophomore Year</i></b>																					
Fall				Winter				Spring													
CS 221 C/C++ Programming	4	CS 360 Object-Oriented Prog.	4	Electives	3-8	MM 252 Intro. Web Authoring	3	CS 248 Unix Programming	3	General Education	7-12	CS 318 Algorithm Analysis	4	Electives & General Education	8	MM 225 Intro. MM Develop.	3				
TOTAL		14	TOTAL		15	TOTAL		15													
<b><i>Junior Year</i></b>																					
Fall				Winter				Spring													
CS 344 Systems Analysis	3	CS 370 Interface Design	3	STAT 327 Stat & Exp Design	5	MM 315 Multimedia Design	3	Electives	5-6	Electives & General Education	10	MATH 341 Linear Algebra	3	General Education	5-6	General Education	6				
TOTAL		15	TOTAL		15	TOTAL		15													
<b><i>Senior Year</i></b>																					
Fall				Winter				Spring													
CS 401 Capstone	2	CS 401 Capstone	2	CS 401 Capstone	2	CS 430 Database Management	3	CS 407 Seminar	2	Electives	8	Electives	5	Electives	6	General Education	5				
TOTAL		15	TOTAL		15	TOTAL		15													