

College of Health & Sciences

2009-2010 Computer Science Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>		<u>Spring Semester</u>	
MATH	1513 * College Algebra	CMPSC	1133 Computer Programming II
CMPSC	1113 * Computer Programming I	ENG	1213 * Freshman Composition II
PS	1113 * United States Government	KIN	2122 * Wellness or Nutrition FCS 1513
MATH	1713 Trigonometry		---3 * Communication** (Speech OR Language)
UNIV	1001 * Freshman Seminar		<i>COMM 1113 Fundamentals of Speech RECOMMENDED</i>
ENG	1113 * Freshman Composition I	MATH	2825 Calculus & Analytic Geometry I OR
			MATH 2613 Calculus for Bus,Life & Soc Sci
16 TOTAL HOURS		14-16 TOTAL HOURS	

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>		<u>Spring Semester</u>	
CPSMA	2923 Data Structures & Algorithm Analysis	CMPSC	2--3 CMPSC 2213, 2303, 2313, 2323 OR 2333
HIST	24-3 * United States History Survey**		---3 * Humanities-Cultural/ Human Diversity**
	---3 * Humanities-Western Civilization**	BIOL	1-14 * Life Science**
	---3 * Humanities & Social Sciences**		---3 * Social Sciences**
PHYS	1-14 * Physical Science**		---3 Required Related Electives
			(If MATH 2825 has been taken use as a minor or elective hours)
			(If MATH 2613 has been taken, then choose either
			MATH 2213 or MATH 2603)
16 TOTAL HOURS		16 TOTAL HOURS	

THIRD YEAR - JUNIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
CMPSC	3613 Computer Architecture	CMPSC	4213 Data Base Design
CMPSC	3943 Software Design & Development		---3 Required Electives^(see list below)
CMPSC	---3 CMPSC 3213, 3233, 3543, 4223, OR 4983		---3 Required Electives^(see list below)
CMPSC	---3 CMPSC 3213, 3233, 3543, 4223, OR 4983		---6 Minor Electives (6 Hours)
CPSMA	3913 Discrete Mathematics		
UNIV	3001 * General Education Seminar		
16 TOTAL HOURS		15 TOTAL HOURS	

FOURTH YEAR - SENIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
CMPSC	3113 Operating Systems	CMPSC	4473 Theory of Programming Languages
	---9 Minor Electives (9 Hours)		---9 Electives (9 hours)
	---3 Electives (3 Hours)		---2 Electives (2 hours)
15 TOTAL HOURS		14 TOTAL HOURS	

^Required Electives (6 hours) CMPSC 1513, CPSMA 3933, 4413 Not all classes are offered both fall and spring.

TOTAL DEGREE PLAN HOURS 124

*General Education Requirement

**See current catalog "General Education Requirements" for selection

***Minor required (16-21 hours)/Electives (5-15 hours)