

College of Health & Sciences

2008-2009 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)