

# College of Health & Sciences

## 2012-2013 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

**16 TOTAL HOURS**

**16-17 TOTAL HOURS**

### SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>	<u>Spring Semester</u>
CPSMA 2923 Data Structures & Algorithm Analysis	CMPSC -116--3 CMPSC 2213, 2323 OR 3313
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 Minor or Elective*** (3 hours)

**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 or 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 or Elective*** (9 Hours)	---9 Minor or Elective*** (9 hours)
---3 Minor or Elective*** (3 Hours)	---2 Minor or Elective*** (2 hours)

**15 TOTAL HOURS**

**14 TOTAL HOURS**

*^Required Electives (6 hours) CPSMA 3933, 4413 or dept. approved electives from unused classes in CMPSC.*

**TOTAL DEGREE PLAN HOURS 124**

\*General Education Requirement

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

\*\*\*Minor required (16-21 hours)/Electives (7-16 hours)