College of Health & Sciences
2017-2018 Computer Science Degree Plan

FIRST YEAR - FRESHMAN

Fall Semester			
MATH	1513	*	College Algebra
CMPSC	1113	*	Computer Programming I
PS	1113	*	United States Government
MATH	1713		Trigonometry
UNIV	1001	*	Freshman Seminar
ENG	1113	*	Freshman Composition I

16 TOTAL HOURS

Spring Semester			
CMPSC	1133		Computer Programming II
ENG	1213	*	Freshman Composition II
KIN	2122		Wellness or Nutrition FCS 1513
	---3	*	Communication** (Speech OR Language)
			COMM 1113 Fundamentals of Speech RECOMMENDED
MATH	2825		Calculus & Analytic Geometry I

16-17 TOTAL HOURS

SECOND YEAR - SOPHOMORE

Fall Semester			
CPSMA	2923		Data Structures & Algorithm Analysis
HIST	24-3	*	United States History Survey**
	---3	*	Humanities-Western Civilization**
	---3	*	Humanities & Social Sciences**
PHYS	1-14	*	Physical Science**

16 TOTAL HOURS

Spring Semester			
CMPSC	---3		CMPSC 2213, 2323 OR 3313
	---3	*	Humanities-Cultural/ Human Diversity**
BIOL	1-14	*	Life Science**
	---3	*	Social Sciences**
	---3		Minor or Elective*** (3 hours)

16 TOTAL HOURS

THIRD YEAR - JUNIOR

Fall Semester			
CMPSC	3613		Computer Architecture
CMPSC	3943		Software Design & Development
CMPSC	---3		Required Elective
CMPSC	---3		Required Elective
CPSMA	3913		Discrete Mathematics

15 TOTAL HOURS

Spring Semester			
CMPSC	4213		Data Base Design
	---3		Required Electives^(see list below)
	---3		Required Electives^(see list below)
	---6		Minor or Electives*** (6 Hours)

15 TOTAL HOURS

FOURTH YEAR - SENIOR

Fall Semester			
CMPSC	3113		Operating Systems
	---9		Minor or Elective*** (9 Hours)
	---3		Minor or Elective*** (3 Hours)

15 TOTAL HOURS

Spring Semester			
CMPSC	4473		Theory of Programming Languages
	---9		Minor or Elective*** (9 hours)
	---3		Minor or Elective*** (3 hours)

15 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 (8-23 hours)