

College of Health & Sciences

2019-2020 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	MATH	1713	Trigonometry
ENG	1113 *	Freshman Composition I	ENG	1213 *	Freshman Composition II
PS	1113 *	United States Government		1114 *	Life Science**
HIST	24-3 *	United States History Survey**		---3 *	Humanities-Western Civilization**
UNIV	1001 *	Freshman Seminar			

16 TOTAL HOURS

16 TOTAL HOURS

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>			<u>Spring Semester</u>		
MATH	2825	Calculus & Analytic Geometry I	CPSMA	3913	Discrete Mathematics
CPSMA	2923	Data Structures & Algorithm Analysis	CMPSC	---3	CMPSC 2213, 2323, 3313, CPSMA 4373
CMPSC	3613	Computer Architecture	CMPSC	---3	CMPSC 3213, 3233, 3543, 4223, 4273, 4983
	---3 *	Humanities-Cultural/ Human Diversity**		---3 *	Humanities - Social Sciences**
	---3 *	Communication** (Speech OR Language)		1-14 *	Physical Science**

17 TOTAL HOURS

16 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>			<u>Spring Semester</u>		
CMPSC	3113	Operating Systems	CMPSC	4213	Data Base Design
CMPSC	---3	CMPSC 3213, 3233, 3543, 4223, 4273, 4983	CMPSC	---3	CMPSC 2213, 2323, 331, CPSMA 4373
	---3	Required Electives^(see list below)	CMPSC	---3	CMPSC 3213, 3233, 3543, 4223, 4273, 4983
KIN	2122 *	Wellness or Nutrition FCS 1513		---3 *	Humanities - Additional Course**
	---6	Electives*** (6 Hours)		---3	Electives*** (3 Hours)

17 TOTAL HOURS

15 TOTAL HOURS

FOURTH YEAR - SENIOR

<u>Fall Semester</u>			<u>Spring Semester</u>		
CMPSC	3943	Software Design & Development	CMPSC	4473	Theory of Programming Languages
	---3	Elective*** (3 hours)		---3	Required Electives^(see list below)
	---9	Elective*** (9 Hours)		---6	Elective*** (6 hours)

15 TOTAL HOURS

12 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 124

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

*General Education Requirement

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

***Electives (27 hours)

Minor Not Required