

College of Health & Sciences

2021-2022 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 Basic Nutrition HHFS 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