

College of Health & Sciences

2022-2023 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	1-14	* Life Science**
HIST	24-3 * United States History Survey**	---	3 * Humanities-Western Civilization**
UNIV	1001 * Freshman Seminar		

16 TOTAL HOURS

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SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>		<u>Spring Semester</u>	
MATH	2825 Calculus & Analytic Geometry I	CPMSA	3913 Discrete Math
CPSMA	2103 Data Structures	CMPSC	---3 Upper Level Computer Science Elective^
CMPSC	3613 Computer Architecture	CMPSC	---3 Upper Level Computer Science Elective^
	---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
CPSMA	3103 Algorithm Analysis	CMPSC	---3 Upper Level Computer Science Elective^
CMPSC	---3 Upper Level Computer Science Elective^	CMPSC	---3 Upper Level Computer Science Elective^
KIN	2122 * Wellness		---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 Electives***(3 hours)	CMPSC	---3 Upper Level Computer Science Elective^
	---9 Electives***(9 hours)		---6 Electives***(6 hours)

15 TOTAL HOURS

12 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 124

*General Education Requirement

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

***No Minor required/Electives (10-16 hours)

^Up to 6 hours may be CPSMA instead of CMPSC