

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

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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