

College of Health & Sciences

2024-2025 Computer Science Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>	<u>Spring Semester</u>
MATH 1513 * College Algebra (GE - Mathematical and Statistical Reasoning)	CMPSC 1133 Computer Programming II
CMPSA 1113 * Computer Programming I (GE - Exploration and Personal Enrichment)	MATH 1713 Trigonometry
ENG 1113 * Freshman Composition I (GE - Written Communication)	ENG 1213 * Freshman Composition II (GE - Written Communication)
PS 1113 * United States Government (GE - Civic Consciousness)	1-14 * GE - Nature and Science (with Lab)**
HIST 24-3 * United States History Survey ** (GE - Civic Consciousness)	CMPSA ---3 Upper Level Computer Science Elective^
UNIV 1001 * Tiger Connect (GE - First-Year Experience)	
16 TOTAL HOURS	16 TOTAL HOURS

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	CMPSA ---3 Upper Level Computer Science Elective^
CMPSA 3613 Computer Architecture	1-14 * GE - Nature and Science **
CMPSA ---3 Upper Level Computer Science Elective^	---3 * GE - Cultural and Aesthetic Awareness** (Intercultural Knowledge and Competence if not yet met)
---3 * Communication** (COMM 1113 Recommended) (GE - Exploration and Personal Enrichment/Elective)	---3 * GE Elective (CMPSA 1513 Recommended)
17 TOTAL HOURS	16 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
CMPSA 3113 Operating Systems	CMPSA 4213 Data Base Design
CPSMA 3103 Algorithm Analysis	CMPSA ---3 Upper Level Computer Science Elective^
CMPSA ---3 Upper Level Computer Science Elective^	---2 * GE Elective (KIN 2122 Recommended)
---3 * GE - Cultural and Aesthetic Awareness** (Global Citizenship if not yet met)	---- Electives***(8 hours)
---3 Electives***(3 hours)	
15 TOTAL HOURS	16 TOTAL HOURS

FOURTH YEAR - SENIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
CMPSA 3943 Software Design & Development	CMPSA 4473 Theory of Programming Languages
CMPSA ---3 Upper Level Computer Science Elective^	---- Electives***(9 hours)
---- Electives***(6 hours)	
12 TOTAL HOURS	12 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 120

*GE Requirement **See current catalog "GE Requirements" for selection ***No Minor required/Electives (10-16 hours)
 ^Up to 6 hours may be CPSMA instead of CMPSA