

College of Health & Sciences

2023-2024 Computer Science Degree Plan

FIRST YEAR - FRESHMAN

Fall Semester

MATH 1513	*	College Algebra (GE - Mathematical and Statistical Reasoning)
CMPSOC 1113	*	Computer Programming I (GE - Exploration and Personal Enrichment)
ENG 1113	*	Freshman Composition I (GE - Written Communication)
PS 1113	*	United States Government (GE - Civic Consciousness)
HIST 24-3	*	United States History Survey ** (GE - Civic Consciousness)
UNIV 1001	*	Tiger Connect (GE - First-Year Experience)

16 TOTAL HOURS

Spring Semester

CMPSOC 1133		Computer Programming II
MATH 1713		Trigonometry
ENG 1213	*	Freshman Composition II (GE - Written Communication)
	1-14	* GE - Nature and Science (with Lab)**
CMPSOC ---3		Upper Level Computer Science Elective^

16 TOTAL HOURS

SECOND YEAR - SOPHOMORE

Fall Semester

MATH 2825		Calculus & Analytic Geometry I
CPSMA 2103		Data Structures
CMPSOC 3613		Computer Architecture
CMPSOC ---3		Upper Level Computer Science Elective^
---	3	* Communication** (COMM 1113 Recommended) (GE - Exploration and Personal Enrichment/Elective)

17 TOTAL HOURS

Spring Semester

CPMSA 3913		Discrete Math
CMPSOC ---3		Upper Level Computer Science Elective^
	1-14	* GE - Nature and Science **
---	3	* GE - Cultural and Aesthetic Awareness** (Intercultural Knowledge and Competence if not yet met)
---	3	* GE Elective (CMPSOC 1513 Recommended)

16 TOTAL HOURS

THIRD YEAR - JUNIOR

Fall Semester

CMPSOC 3113		Operating Systems
CPSMA 3103		Algorithm Analysis
CMPSOC ---3		Upper Level Computer Science Elective^
---	3	* GE - Cultural and Aesthetic Awareness** (Global Citizenship if not yet met)
---	3	Electives*** (3 hours)

15 TOTAL HOURS

Spring Semester

CMPSOC 4213		Data Base Design
CMPSOC ---3		Upper Level Computer Science Elective^
---	2	* GE Elective (KIN 2122 Recommended)
---		Electives*** (8 hours)

16 TOTAL HOURS

FOURTH YEAR - SENIOR

Fall Semester

CMPSOC 3943		Software Design & Development
CMPSOC ---3		Upper Level Computer Science Elective^
---		Electives*** (6 hours)

12 TOTAL HOURS

Spring Semester

CMPSOC 4473		Theory of Programming Languages
---		Electives*** (9 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 CMPSOC