First and Second Year Advising
Academic Plan for **Computer Science BS**
College of Arts & Sciences

Preparing people to lead extraordinary lives

Major students must complete this list of University Core areas:

Artistic Knowledge (1 course/3 credit hours)
Ethics (1 course/3 credit hours)
Historical Knowledge (2 courses/6 credit hours)
Literary Knowledge (2 courses/6 credit hours)
Philosophical Knowledge (2 course/6 credit hours)
Scientific Literacy (2 courses/6 credit hours)
Societal Knowledge (2 courses/6 credit hours)
Theological Knowledge (2 courses/6 credit hours)
Writing Seminar (1 course/3 credit hours)

Study Abroad Computer Science majors are able to study abroad if they can adjust their academic plan to allow for mostly core or electives in that semester.

120 Total Credit Hours

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
FALL	UCWR 110 Writing Seminar MATH 131: Applied Calculus I or MATH 161: Calculus I COMP 141: Introduction to Computing Tools and Techniques COMP 170: Intro to Object-Oriented Programming CORE UNIV 101 First-Year Seminar (1 credit)	COMP 264: Intro to Comp Systems COMP 271: Data Structures I STAT 203: Introduction to Probability & Statistics CORE Language 101	COMP 310: Intro Operating Systems COMP 363: Design & Analysis of Comp Algorithms Comp Major Elective Writing Intensive Course CORE	COMP Restricted Elective COMP Practicum Engaged Learning Course CORE CORE
SPRING	MATH 132: Applied Calculus II or MATH 162: Calculus II COMP 163: Discrete Structures Or MATH 201: Intro Discrete Math and Number Theory CORE CORE CORE	COMP 272: Data Structures II COMP 317: Social, Legal, Ethical Issues in Computing CORE CORE Language 102	COMP 371: Programming Languages COMP Restricted Elective Writing Intensive Course CORE CORE	COMP Restricted Elective COMP Practicum Comp Major Elective Comp 300-level Major Elective CORE CORE

Fall 2022 Program Requirements
This plan is intended as a sample to help students envision one path for completion of this degree. Many courses may be moved to alternate semesters without impacting progress toward degree completion. Course sequencing may be impacted by math placement.