

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

**121 Total Credit Hours**

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
FALL	COMP 163 Discrete Structures  COMP 170 Intro to Object-Oriented Programming with Math  MATH 161 Calculus I (4 credits)  UCWR 110 Writing Seminar  UNIV 101 First-Year Seminar (1 credit)	COMP 313 Intermediate Object-Oriented Development  COMP 317 Social, Legal, Ethical Issues in Computing  Language 101  CORE  CORE	COMP Elective Course  Writing Intensive Course  CORE  CORE  CORE	COMP Elective or Interdisciplinary Studies Course  COMP Practicum Capstone Course  Engaged Learning Course  CORE  General Elective
SPRING	MATH 162 Calculus II (4 credits)  COMP 264 Intro to Comp Systems  COMP 271 Data Structures  CORE  CORE	COMP 310 Intro Operating Systems or COMP 371 Programming Languages  COMP 363 Design & Analysis of Comp Algorithms  Language 102  CORE  CORE	COMP 300-level Elective Course  Writing Intensive Course  CORE  CORE  CORE	COMP Elective or Interdisciplinary Studies Course (4 credits)  COMP Practicum Capstone Course  CORE  CORE  General Elective