Computer Science
Requirements and Program Flow

These requirements are effective for students admitted to the Computer Science major beginning Fall 2020.

FRESHMAN YEAR

FALL Term 1
- MTH 132 - 3 Calculus I
- EGR 100 - 2 Introduction to Engineering Design

SPRING Term 2
- CSE 231 - 4 Introduction to Programming I
- MTH 133 - 4 Calculus II

MIDDLE YEARS

FALL Term 3
- CSE 232 - 4 Introduction to Programming II
- CSE 290 - 3 Introduction to Theory
- PHY 183 - 4 Physics I

SPRING Term 4
- CSE 325 - 3 Computer Systems
- MTH 234 - 4 Multivariable Calculus
- PHY 184 - 4 Physics II

JUNIOR YEAR

FALL Term 5
- CSE 330 - 1 Object-Oriented Software Design
- ISS 3XX - 4
- CSE 300 - 1 Ethics and Professional Issues in Computer Science

SPRING Term 6
- ISS 3XX - 4
- CSE 300 - 1 Ethics and Professional Issues in Computer Science
- CSE 498 - 4 Collaborative Design (W)

SENIOR YEAR

FALL Term 7
- BIOSCI Crse - 4 Intro to Biology
- Cognate OR Elective - 3

SPRING Term 8
- Cognate OR Elective - 3

LEGEND
- Prerequisite
- Prerequisite or Concurrent

*Div: Complete courses in at least 2 out of 3 diversity categories – “N”, “I” or “D”