

Key:

Required (major and minor)

Required (major)

Should take before 300-level courses

Electives

## First Year

MTH 125: Calculus I

CSC 103: Computer Science I

MTH 126: Calculus II

CSC 104: Computer Science II

## Second Year

MTH 225: Statistics for Science

CSC 201: Discrete Math I

CSC 202: Discrete Math II

CSC 211: Data Structures

CSC 384: Theory of Computation

CSC 221: Computer Logic and Organization

CSC 314: Operating Systems

CSC 324: Web Programing

CSC 322: Machine Learning

CSC 304: Computer Architecture

CSC 312: Compiler Design

CSC 326: Mathematical Experiments in Computer Science

CSC 311: Algorithms and Complexity

CSC 310: Cybersecurity

CSC 305: Mobile Computing

CSC 323: Programming Languages

CSC 321: Data Visualization

CSC 325: Database Management Systems

CSC 382: Artificial Intelligence

CSC 390: Computer Networks

CSC 393: Numerical Analysis

CSC 399: Topics in Computer Science

CSC 400: Capstone: Software Engineering