

Department of Computer Science - Course Catalog (Fall 2025)

Department Overview:

The Department of Computer Science provides a strong foundation in computing theory, software development, and emerging technologies. Students are prepared for careers in software engineering, artificial intelligence, data science, and cybersecurity.

Course Listings

Course Code: CS 101

Course Title: Introduction to Programming

Credits: 3

Description: An introductory course to programming concepts using Python, including problem-solving and algorithmic thinking.

Instructor: Professor Ada Lovelace

Schedule: Mon/Wed/Fri 10:00 AM - 10:50 AM

Course Code: CS 240

Course Title: Data Structures and Algorithms

Credits: 3

Description: Covers essential data structures and algorithms for computational problem-solving.

Prerequisites: CS 101

Instructor: Professor Alan Turing

Schedule: Tue/Thu 1:00 PM - 2:15 PM

Course Code: CS 360

Course Title: Database Systems

Credits: 3

Description: Explores relational databases, SQL, and database design methodologies.

Prerequisites: CS 240

Instructor: Dr. Edgar Codd

Schedule: Mon/Wed 2:30 PM - 3:45 PM

Course Code: CS 482

Course Title: Applied Machine Learning

Credits: 3

Description: Practical applications of supervised and unsupervised machine learning methods.

Prerequisites: CS 240, MATH 210

Instructor: Dr. Yann LeCun

Schedule: Tue/Thu 4:00 PM - 5:15 PM