

# CS: Computer Science

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## **CS 100 — Societal Impact of Computing, Security, and Ethics**

3 credits; 3 lecture hours

This course is a modern introduction to computing and rising issues surrounding the broader areas of computer science. Fundamental computer science concepts as well as trending topics in social computing are covered. No programming background is required, but some degree of sophistication in mathematics is expected.

Prerequisite(s): mathematic proficiency (see beginning of Mathematics section).

## **CS 211 — Large Language Models, Artificial Intelligence and Data Science**

3 credits; 3 lecture hours

This course provides an introduction to large language models and their capabilities in artificial intelligence and data science. Through theory and hands-on labs, students will gain literacy in model architecture, training techniques, applications in programming, content creation, and more. No prior programming experience is required to take this course.

Prerequisite(s): Math Proficiency.

## **CS 299 — Independent Study in Computer Science**

1-3 credit

Prerequisite(s): a minimum 3.5 GPA and approval of instructor, chairperson and dean for Liberal Arts.