

# CS 4699: Undergraduate Research

Georgia Institute of Technology

Summer 2026 / Fall 2026

Instructor: Prof. Spencer Bryngelson

Email: shb@gatech.edu

Office: CODA S1323

## Course Description

Independent research conducted by undergraduate students under the guidance of a faculty member. Students contribute to ongoing research projects in computational science and engineering.

## Course Objectives / Learning Outcomes

Upon completion of this course, students will be able to:

- Gain hands-on experience in research methodologies.
- Apply computational techniques to real-world research problems.
- Develop skills in scientific communication and technical writing.
- Work effectively as part of a research team.

## Required Course Materials

None. Materials specific to the student's research project will be provided or identified by the faculty advisor as needed.

## Grading Policy

- Satisfactory/Unsatisfactory (S/U) grading.
- Evaluation is based on research effort, progress, and the quality of work as assessed by the faculty advisor.

## Attendance Policy

Students are expected to maintain regular engagement with their research and meet with the faculty advisor on a schedule determined at the start of the semester. Absences should be communicated to the advisor in advance.

## Additional Criteria for Successful Completion

Students must demonstrate satisfactory research progress as determined by the faculty advisor. This includes regular participation in research activities, timely completion of assigned tasks, and professional conduct.

## **Academic Integrity**

Students are expected to abide by the Georgia Tech Honor Code. All work submitted must be the student's own. Any violations of academic integrity will be reported to the Office of Student Integrity.

## **Student–Faculty Expectations Agreement**

Students and faculty are expected to abide by the Student–Faculty Expectations Agreement. This agreement outlines mutual responsibilities for maintaining a productive and respectful learning environment.

## **Disability Services**

Students with disabilities who require accommodations should contact the Office of Disability Services (ODS) to establish eligibility and to coordinate accommodations. Students are encouraged to register with ODS at the beginning of each semester.