

# **CSE 8998: Research Assistantship**

Georgia Institute of Technology

Fall 2026

Instructor: Prof. Spencer Bryngelson

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## **Course Description**

Individual research conducted under the direction of a faculty member. Graduate students engage in research activities related to the faculty advisor's area of expertise in computational science and engineering.

## **Course Objectives / Learning Outcomes**

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

- Conduct independent research under faculty supervision.
- Apply advanced computational methods to solve research problems.
- Communicate research progress and findings effectively.
- Demonstrate proficiency in the tools and techniques relevant to their research area.

## **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 progress, effort, 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.