

# **CSE 8903: Special Problems**

Georgia Institute of Technology

Summer 2026 / Fall 2026

Instructor: Prof. Spencer Bryngelson

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## **Course Description**

Individual study of a special topic in computational science and engineering under the direction of a faculty member. The scope and objectives of the work are determined by mutual agreement between the student and the instructor.

## **Course Objectives / Learning Outcomes**

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

- Investigate a specialized topic in depth under faculty guidance.
- Apply advanced computational methods to the chosen problem area.
- Produce a written report or deliverable summarizing findings and contributions.
- Communicate results to the faculty advisor and research group.

## **Required Course Materials**

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

## **Grading Policy**

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

## **Attendance Policy**

Students are expected to meet regularly 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 progress and produce deliverables as agreed upon with the faculty advisor.

## **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.