

# Computing Research Opportunities for Conservation and Sustainability

---

Last Updated: Mon, 01/12/2026

**Course prefix:** CS-8903-ODC

**Course number:** 36138

**Section:** 01

**CRN (you may add up to five):**

36138

**Instructor First Name:** Dante

**Instructor Last Name:** Ciolfi

**Semester:** Spring

**Academic year:** 2026

## **Course description:**

This course provides the unique opportunity to create a project, such as a Web application, with concomitant research. Students receive guidance from members of the OMSCS research team to achieve these challenging goals within one semester. Weekly progress reports are submitted, reflecting appropriate progress and an agile development process.

## **Course learning outcomes:**

By the end of the course, the student will:

1. Create a Web application that, at a minimum, contains information regarding their project.
2. Create a research paper that utilizes their project as a foundation.
3. Gain an awareness of the various concepts and tools required to accomplish the above goals.

## **Required course materials:**

None. However, the student may need to become familiar with the freely available materials provided by Georgia Tech.

## **Grading policy:**

A: 90-100

B: 80-89

C: 70-79

D: 60-69

F: 0-59

**Attendance policy:**

The course is online only.

**Academic honesty/integrity statement:**

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.