

Environmental Economics

Last Updated: Fri, 01/02/2026

Course prefix: ECON

Course number: 4440

Section: DB

CRN

30237 35343

Instructor first name: Dylan

Instructor last name: Brewer

Semester: Spring

Academic year: 2026

Course description:

Is economic growth compatible with environmental quality? This course discusses how economic behavior impacts and is impacted by the environment. We discuss how to design policies that promote economically and environmentally sustainable communities such as pollution pricing and property-rights approaches. In addition, we discuss how communities can manage environmental commons problems by relying on local knowledge, norms, and institutions. At the end of the course, students analyze data related to an environmental policy change, applying basic econometric techniques for program evaluation.

Academic honesty/integrity statement:

"I commit to uphold the ideals of honor and integrity by refusing to betray the trust bestowed upon me as a member of the Georgia Tech community."

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. For information on Georgia Tech's Academic Honor Code, please visit <https://policylibrary.gatech.edu/student-life/academic-honor-code>. Academic integrity is extremely important to me.

Any student suspected of cheating or plagiarizing on an exam or assignment will be reported to the Office of Student Integrity, which will investigate the incident and identify the appropriate penalty for violations.

Core IMPACTS statement(s) (if applicable):

This is a Core IMPACTS course that is part of the Social Sciences area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help students master course content, and support students' broad academic and career goals.

This course should direct students toward a broad Orienting Question:

- How do I understand human experiences and connections?

Completion of this course should enable students to meet the following Learning Outcome:

- Students will effectively analyze the complexity of human behavior, and how historical, economic, political, social, or geographic relationships develop, persist, or change.

Course content, activities and exercises in this course should help students develop the following Career-Ready Competencies:

- Intercultural Competence
- Perspective-Taking
- Persuasion