

# Women in Science and Engineering

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Last Updated: Thu, 01/08/2026

**Course prefix:** HTS

**Course number:** 3021

**Section:** A

**CRN**

34977

**Instructor first name:** Christina

**Instructor last name:** Crespo

**Semester:** Spring

**Academic year:** 2026

**Course description:**

Scholars and activists alike have illustrated the problems of 'add and stir' approaches to increasing the participation of women in science and engineering. The interdisciplinary lens of feminist science and technology studies (FSTS) can help us imagine alternatives that transform the disciplines of science and engineering into more just and equitable fields. This course will draw from FSTS to explore the proposed solution of bringing feminism into the practice of science and engineering.

We will start by discussing the gendered, classed, and racialized differences in participation and status in both science and engineering, including cultural norms and issues of access within higher education and later career stages. We'll then move from questions of women in science and engineering to the question of feminist science in practice. By designing and executing your own research project, you will have the opportunity to put these lessons into practice and to learn through the feminist research process.

**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. For more information on the Honor Code, visit the OSI website.

**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 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 Outcomes:

- 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