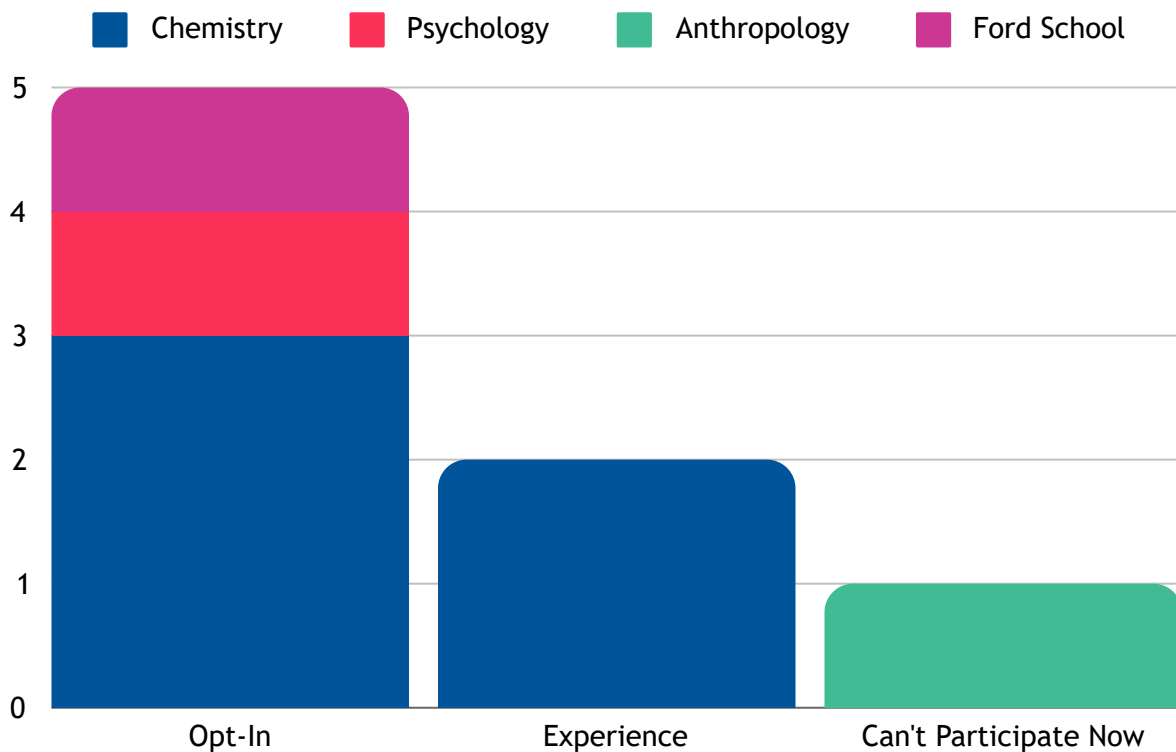


MAKE CLIMATE A CLASS OVERVIEW

Units Engaged



There were a total of 7 faculty members who reported to our Make Climate a Class form.

Faculty Experience Statement



"Well, it is part of a course focused on sustainability & sustainable development, so it didn't feel unusual. I do find that the students are very interested in learning about renewable energy and what it can/can't do."

Chemistry Faculty Member

Topics Discussed

All of the faculty to opt-in to this initiative or tell us about their experience, created their own module. We thank them immensely for their leadership!

CHEMISTRY

Lecture on the impact of aerosols on climate and discussion on experimental measurement tools.

CHEMISTRY

Lecture on biochemistry of climate change as it relates to enzymes and the major nutrient cycles (carbon and nitrogen).

PSYCHOLOGY

Discussion on the psychological, cognitive, and social biases on decision processes and how we can help decision-makers to make more sustainable choices.

CHEMISTRY

Discussion around plants and molecules, connecting plant cellulose to dietary sustainability by comparing human and cow digestion processes, highlighting the impact on methane emissions.

CHEMISTRY

Lecture on renewable energy generation and storage, highlighting leading technology, impacts, and challenges. Additional lecture on Environmental Justice.

We estimate that this initiative reached over 450 students through instructor feedback.

Next Steps

If you would like to further explore how to integrate climate into your courses, please consider attending the [Embedding Climate Change in the Curriculum \(EC3\) Retreat](#) this summer on May 31st and June 4th. Sponsored by LSA Undergraduate Education, the LSA Year of Sustainability, PitE, and CRLT, this retreat will bring together faculty from the U-M Ann Arbor campus who would be excited to spend time working and learning with others as they develop course materials (syllabi, content units, assignments, activities) focused on climate change for their undergraduate courses. Participants are eligible to apply for a \$1000 undergraduate course development grant.

While this initiative was a part of [World Wide Climate Justice Education Week](#) (April 1st-8th), we are evaluating similar iterations of this initiative for the Fall 2024 semester.

LSA Year of Sustainability

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