FY2022 Sustainability Education Grant Program
Support for GE Sustainability Course Development

Request for Proposals

Purpose
The FY2022 Sustainability Education Grant Program supports academic units in the revision of existing 3 credit hour General Education (GE) courses or the development of new 3 credit hour GE courses, in the area of sustainability. This grant opportunity is intended to support academic units (departments, schools, or equivalent) in developing GE sustainability theme courses at all Ohio State campuses. We anticipate awards that will range from $500 to a maximum of $4,000 per academic unit to support conversion of existing courses ($500 per existing course) and development of new courses ($2,000 per new course). The anticipated total amount to be awarded for this grant program in FY2022 is $50,000.

The Sustainability Education and Learning Committee (SELC), administered by the Sustainability Institute (SI), helps to facilitate and support sustainability-related proposals for curriculum development and is advisory to CAA in the proposal review process. All proposals must still adhere to formal curricular review processes.

Background
SELC is working with the Office of Academic Affairs (OAA) to support faculty and academic units working on the development of GE courses related to sustainability. This FY2022 Grant Program targets support for 3-credit GE courses on sustainability topics and complements funds available from OAA to support 4-credit GE course development. Proposals submitted to the SELC Grant Program should focus on development of GE courses that will be proposed for the GE sustainability theme; in some cases these courses may also be appropriate for other GE themes as well.

1While specific definitions of sustainability differ across disciplines, sustainability is motivated by the fundamental dependence of humans on the natural environment. An understanding of human and natural systems and their interdependencies is the cornerstone of sustainability education. Rather than attempting to distill a single definition of sustainability, SELC acknowledges the importance of embracing multiple definitions as they represent different, but essential, dimensions of sustainability. These are represented by the six dimensions framework that SELC has used to classify undergraduate programs and courses at Ohio State.
NOTE: GE theme approval is a separate process from this grant program. The usual approval processes for GE courses must be followed and funding by this program does not guarantee GE course approval.

SELC includes faculty representatives from seven colleges who seek to improve cross-unit collaboration for communication and coordination of existing sustainability education programs and courses, as well as support development of new learning opportunities for students. In support of its goal to better coordinate existing sustainability curricula, SELC has generated resources that may be of use to faculty and units that are proposing GE course revisions or new GE course development, including:

- **SELC report on undergraduate education at Ohio State**, including a summary of existing undergraduate academic program landscape in sustainability and potential “high demand” areas based on student interests
- **Self-reported data** by all academic units on program and course level offerings in sustainability.

**General Eligibility**

A. Proposals must be submitted by departments or equivalent academic units. The academic unit’s chair, undergraduate program leader, or a designated lead faculty member should submit a proposal on their unit’s behalf.

B. The proposal should focus on either the revision of existing 3 credit hour courses to align with the GE sustainability theme area or the development of new 3 credit hour GE sustainability theme courses.

C. The proposed course(s) must each address some aspect of the fundamental interdependence of human and natural systems and encompass at least one of the six dimensions of sustainability. See Section B under Proposal Requirements below for more information on SELC’s six dimensions of sustainability. For additional background on these six dimensions and how they relate to the multiple definitions of sustainability, see this summary document adapted from the SELC report: **Sustainability Education Framework**.

D. The work plan is well developed and will result in course launch or offering in alignment with the new GE timetable.

E. **Funding from this grant can cover**:
   - Release time for instructors, additional compensation for faculty, and off-duty/summer pay to develop or revised proposed courses
   - Instructor compensation for teaching courses within the proposed program
   - Instructional design support (e.g. ODEE, UITL)
   - Marketing of proposed courses

F. **Funding from this grant will not cover**:
   - Office equipment, renovation, supplies, facility needs, or services and software available on campus
   - Travel costs for conferences or workshops
Proposal Requirements

The full proposal must be in 12-point font with appropriate spacing and 1-inch margins to ensure readability and **must be submitted as one complete PDF document**. The proposal narrative (items B-F below) may not exceed 5 pages in length, including any charts, tables, graphs, and references.

**Proposals should include the following components:**

A. **Cover Page:** Include name of the academic unit, name of the department chair or undergraduate program leader submitting the proposal, title(s) of the proposed course(s), and any other academic units involved;

B. **Description of proposed course(s), learning outcomes, and how the content links to one or more of the six dimensions of sustainability:**

   - **Human-Natural Systems**
     - Coupled human-natural systems; integration of environmental, economic, and social factors; systems thinking; resilience of human-natural systems; changes in these systems over time
   
   - **Earth and Environmental Systems and Sustainability**
     - Environmental, earth, and natural resource systems; knowledge of planetary/natural systems, e.g., climate, aquatics, soils, forests, wildlife, geology, ecology, agriculture; AND how these relate to human well-being and sustainability or are impacted by human activities
   
   - **Economy, Governance, and Sustainability**
     - Economic, political, business, and policy processes, including: economy, consumption, production; laws, policy, institutions; business, strategy, management; costs, benefits, tradeoffs; AND how these relate to sustainability or the environment
   
   - **Society, Culture, and Sustainability**
     - Social and cultural processes, including: justice, equity, values, and ethics; history, religion, and the arts; citizenship; behavior and decision making; power and cultural critique; AND how they relate to sustainability or the environment
   
   - **Sustainable Engineering, Technology, and Design**
     - Engineering processes; technological innovation; systems design; infrastructure and built environment; human-machine interface; manufacturing processes; life cycle; product design; AND how these relate to sustainability, including lower environmental impacts, greater resource efficiency, or improved resilience
   
   - **Health, Well-Being, and Sustainability**
     - Human health, safety, risk, sustainable livelihoods; social well-being for a community, region, or globally; changes in well-being over time AND how these are impacted by environmental conditions

   The six dimensions of sustainability and their rationale are also outlined in the SELC report (see **SELC report**, pp. 7, 43 - Appendix D) and in **this** summary document on sustainability education;

C. **Provide the rationale** for proposing these course(s) for funding support and a summary of how the course(s) add to interdisciplinary breadth, new skills/training, and/or expanded learning opportunities within undergraduate sustainability
education at OSU;

D. Describe the approach to **interdisciplinary learning**; if applicable, describe the connection of the proposed course(s) to **project-based or experiential learning**;

E. Referencing the [SELC sustainability education program and course level survey data on the SI website](https://www.sustainability.oregonstate.edu/education), please address whether similar courses currently exist, and if so, **how this proposal will address critical gaps and will limit duplication of existing courses**;

F. Include a **plan of work** with the **timeline** that you will follow to develop the proposed course(s). Note key milestones and any task dependencies;

G. **Proposal attachment**: The last page of this document provides a template for a required attachment. This attachment must be completed properly and included with the proposal narrative as **one complete PDF file** for the proposal to be considered.
   
   i. **Summary and Budget (see Appendix A)**

## Proposal Review

Proposals will be reviewed by SELC and will consider the proposal’s potential to expand GE sustainability learning opportunities for existing undergraduate students at OSU. **Proposals may be submitted electronically as one combined PDF document** to Gina Jaquet, SI director of education and learning, at Jaquet.6@osu.edu. **Proposals will be accepted through Tuesday, August 31st at 5pm or until funds are expended.**

   A. **Review Criteria**: All proposals will be reviewed according to the following criteria:

   i. **Eligibility**: Does the academic unit's proposal include revision of existing or creation of new 3 credit hour GE courses for the sustainability theme area?

   ii. **Proposal impact**: Does this proposal result in an increased opportunity for students to complete a sustainability-related minor or certificate through completion of the proposed or revised courses?

   iii. **Complementarities**: Does the proposal clearly indicate how the proposed GE course(s) will complement existing courses or programs? Does the proposal provide a plan for coordinating with other units that may have an interest in this topic area?

## Fund Administration

   A. **Fund Administration**: Grant funds will be transferred to an account designated by the department of the named faculty administrator for the proposed program.

   B. **Grant Duration**: Grant funds will be issued for up to one year from the effective date of the award. **Time extension requests will be considered on a case-by-case basis.**

   C. **Notification**: Applicants will be notified via e-mail about the outcomes of their proposals by **Friday, October 15th**. A summary of the successful proposals will be published on the SI website.

   D. **Reporting Requirements**: A report detailing the use of the funds will be requested by
the Sustainability Institute. The report should address efforts made toward course
development/revision and launch, challenges and successes, and expenditures.

Key Dates and Information

Proposal Due Date: Tuesday, August 31st by 5:00pm or until funds have been expended
Award Notification: Friday, October 15th
Sustainability Education Grant Contact: Gina Jaquet, SI director of education and learning,
(e): Jaquet.6@osu.edu (p): 614-292-3732
FY2022 Sustainability Education Grant Application

APPENDIX A: SUMMARY AND BUDGET

Proposal Title:
Academic Unit:

<table>
<thead>
<tr>
<th>Department, Course Number, and Title</th>
<th>Existing or New Course?</th>
<th>Requested Funds</th>
<th>Primary faculty members associated with creating or teaching this course (Full names and Dot #s)</th>
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