

Georgia College & State University
Core Curriculum Area E Course Approval Form

Title of Section: Sustainability

Name & Department (of proposing faculty member): IDST, Doug R. Oetter

Proposed Effective Date: Fall, 2017

If this is an existing course, please list the course prefix, number and title: IDST 2050

Area E Learning Outcomes: *Students will be able to interpret social science research from various sources.*

- 1) Please explain how your course will
 require students to interpret social science research from various sources.

Sustainability incorporates economics, ethics, and ecology in an interdisciplinary effort to engage students in the examination of personal and societal impacts of existence. This class will correlate the most current academic research in several integrated fields to help students qualify, quantify, and evaluate their personal consumption of natural and human resources and their contribution to local and global concerns within the parameters of materials, energy, food, water, waste, and other natural resources. Each student will be asked to integrate life functions from personal to global scales into a philosophical framework of individual and societal existence.

Course Description

An interdisciplinary course across colleges and departments presenting an introduction to the principles of sustainability, including ethics, economics, ecology, environmental policy, and personal involvement. Students will conduct real-world analyses using campus and community data, with an emphasis on critical thinking, global issues, social justice, ethical constructs, interdisciplinary research, service learning, and community engagement. This course is a requirement for the Certificate in Sustainability, and can be applied to Core Area E.

Main Topics to be Covered:

Sustainability, Natural Resources, Energy, Water, Materials, Waste, Transportation, Food, Community, Health, Wellness, Community, Diversity, Ethics, Economics, Social Change, Personal Responsibility, Marketing, Science, Ecology, Environment.

List Other Relevant Information: This course is the required introductory course for the Certificate in Sustainability.

Submit a syllabus

Section to taught by: Doug R. Oetter

Signature of Submitting Faculty Member: Doug Oetter 10-13-16
Faculty Member Date

Recommendations (First 2 Signatures Required Before Submitting to SoCC)*

<input checked="" type="checkbox"/> Recommend <input type="checkbox"/> Not Recommend Department Chair **	<u>Aran MacKinnon</u> Date	<u>10-13-16</u> Date
<input checked="" type="checkbox"/> Recommend <input type="checkbox"/> Not Recommend	<u>Chavonda Mills</u> College Dean	<u>11-04-16</u> Date
<input type="checkbox"/> Recommend <input type="checkbox"/> Not Recommend	<u>Mary Magwick</u> Chair, Sub-Committee on the Core Curriculum	<u>8-30-17</u> Date
<input checked="" type="checkbox"/> Acknowledged	<u>Lyndall Muschell</u> Chair, Curriculum & Assessment Policy Committee	<u>9-1-17</u> Date
<input type="checkbox"/> Recommend <input type="checkbox"/> Not Recommend	<u>Lyndall Muschell</u> Provost	<u>10/6/17</u> Date

* A "Not Recommend" recommendation should include a brief explanation of the reviewer's reason(s) for the decision.
 ** By signing/recommending, the Department Chair certifies that this faculty member has SACS qualifications to teach this section

* Returned to committee on 9/15/17
 * CAPC Routed to SoCC - Reconsidered by CAPC 10/6/17

Georgia College
College of Arts and Sciences
Form for Proposal of New Undergraduate Courses

1. Department: **Philosophy & Liberal Studies** Program: **IDST**

2. Title, course number, and credit hours of proposed course:
Sustainability, IDST 2050

- 2b. Hours (L-L-C) or VAR: **3-0-3**

3. Effective Semester: **Fall 2017**
Is this course also being proposed as a graduate course? **No**

4. Repeatable or Nonrepeatable: **Nonrepeatable**

5. Grade Type: Normal or S/U: **Normal**

6. Prerequisite or Co-requisite: **None**

7. Areas to include/address in the rationale for the new course narrative:

Why is the course being proposed? Sustainability has become a critical area of interdisciplinary investigation, in science, business, and the humanities. In order to prepare our students for rapidly changing world with limited resources for human development, we need to give them a cohesive view of a sustainable future, with examples from our own campus. This course addresses the 'triple bottom line' of sustainability (ecology, economics, and ethics) through multi-disciplinary presentations and applied investigations at a range of scales from the global to the individual. The course will stand as the foundation of the Certificate in Sustainability.

How does the course advance the institution's mission and curriculum? This course will support the GC mission of providing its students with a broad-based education emphasizing

understanding and engagement with the local and global communities. The course will present students with a diversity of viewpoints through several guest presentations from many different academic and non-academic backgrounds. Students will be exposed to challenging, innovative lessons and activities, including community outreach and leadership skills. The course develops from a global understanding to a personal commitment to the application of a liberal education.

In which area of the curriculum will the new course fit?

2000-level elective

Core Area E

Certificate in Sustainability

8. How often is the course to be offered? **One year rotation/One per semester**

 9. Do you have sufficient SACS (or other accrediting body) qualified faculty to cover the needs of this course? **Yes**

 10. Are any courses being dropped as a result of this course? **No**
If no, how will you redeploy existing resources so as to enable the department to add this course?

 11. Has this course been taught in a previous term as a Special Topics course? **No**

 12. Describe additional resources, if any, needed to support course: **None**

 13. Attach abbreviated course syllabus and proposed catalogue description to this form.
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Abbreviated Course Syllabus to accompany Proposal for New Course

1. *Course Title and Proposed Number:*
Sustainability; IDST 2050

2. Course Function:

This course is required for the proposed Certificate in Sustainability, and can be applied to the Core Curriculum Area E.

3. Course Topics:

Introduction to Sustainability; Ecological Setting; Economic Realm; Ethical Reality; Academic Sustainability; Global Issues and Local Engagement; Energy; Transportation; Water; Food; Materials; Wellness; Education; Personal Sustainability.

4. Expected Student Learning Outcomes:

Successful students will be able to:

1. Define sustainability using indicators related to the triple bottom line (People, Planet, Profit);
2. Discuss the motivations behind sustainable development in business, non-profit, government, and academic sectors;
3. Describe important global and social issues related to sustainability and explain how they are connected in interdisciplinary ways to local communities and our campus;
4. Evaluate and present ethical positions that impact personal and institutional choices related to sustainability at local, regional, and global scales;
5. Characterize the Georgia College economic, social and environmental impacts, and assess those impacts with regard to important indicators of human and community wellness;
6. Conduct data acquisition and analyses, envision potential outcomes, evaluate ethical decisions, and plan future activities that promote sustainable choices on our campus; and
7. Discuss the roles of organizations, such as higher education institutions, in delivering sustainable practices and transforming societies in an age of limited natural resources, environmental degradation and global climate change.

5. Grading Criteria:

- Regular classroom attendance and participation;
- Careful reading and analysis of assigned texts, evidenced by reading quizzes and exams;
- Timely completion of interactive assignments, including field experiences, community involvement, data collection and analysis, and thought papers;
- Synthesis of key concepts with real world phenomena in a research project;
- Analysis and presentation of data in the creation of a presentation;
- Thoughtful reflection and examination as evidenced in well-composed essays.

6. Prerequisites:

None

7. Catalog Description

An interdisciplinary course across colleges and departments presenting an Introduction to the principles of sustainability, including ethics, economics, ecology, environmental policy, and personal involvement. Students will conduct real-world analyses using campus and community data, with an emphasis on critical thinking, global issues, social justice, ethical constructs, interdisciplinary research, service learning, and community engagement. This course is a requirement for the Certificate in Sustainability, and can be applied to Core Area E.

Date _____

Signature _____

Department Chair

Date _____

Signature _____

Dean of College

(Effective 09-14-12)

IDST 2050- Sustainability
Spring 2017, Section 1, CRN xxxxx
Day Time, Room Building

Instructor: Doug R. Oetter, 253 Beeson, 478-445-7379, doug.oetter@gcsu.edu
Office hours: M 2-4; T 9-10:30; W 10-11:30; R 9-10:30, or by appointment
Course web site: <https://gcsu.view.usg.edu/>

Description: An interdisciplinary course which presents an introduction to the principles of sustainability, including ethics, economics, ecology, environmental justice, and personal involvement. Students will conduct real-world analyses using campus and community data, with an emphasis on critical thinking, global issues, social justice, ethical constructs, interdisciplinary research, and community engagement. This course is a requirement for the Certificate in Sustainability and can be applied to Core Area E.

Reading: Bartlett, Peggy F., and Geoffrey W. Chase, editors. 2013. Sustainability in Higher Education: Stories and Strategies for Transformation. Cambridge, Mass.: The MIT Press, 316 pp.

Orr, David. 1994. Earth in Mind: On Education, Environment, and the Human Prospect. San Francisco: Island Press.

Smith-Sebasto, Nicholas J. 2012. Annual Editions: Sustainability. Columbus, Ohio: McGraw Hill Education.

New York Times newspaper, available in class or at several campus locations, or online at <http://www.nytimes.com>

Course Objectives: As a result of this course, the successful student will be able to:

1. Define sustainability using indicators related to the triple bottom line (People, Planet, Profit);
2. Discuss the motivations behind sustainable development in business, non-profit, government, and academic sectors;
3. Describe important global and social issues related to sustainability and explain how they are connected in interdisciplinary ways to local communities and our campus;
4. Evaluate and present ethical positions that impact personal and institutional choices related to sustainability at local, regional, and global scales;
5. Characterize the Georgia College economic, social and environmental impacts, and assess those impacts with regard to important indicators of human and community wellness;
6. Conduct data acquisition and analyses, envision potential outcomes, evaluate ethical decisions, and plan future activities that promote sustainable choices on our campus; and
7. Discuss the roles of organizations, such as higher education institutions, in delivering sustainable practices and transforming societies in an age of limited natural resources, environmental degradation and global climate change.

Grading:	Assignments	30%
	Quizzes	20%
	Exams	20%
	<u>Interaction</u>	<u>30%</u>
	Total	100%

This course has four major sections:

1. Introduction to sustainability as an interdisciplinary academic pursuit,
2. Presentation of applied sustainability aided by campus and local experts,
3. Investigation of Georgia College as a 'living laboratory,' and
4. Creation of a personal sustainability model of engagement.

Schedule:

WEEK	DATES	TOPICS	READING	OTHER
1	16-18 Jan	Introduction to Sustainability		
2	23-25 Jan	Ecological Setting		Local Ecology Outing
3	30 Jan-2 Feb	Economic Realm		Green Business Model
4	6-8 Feb	Ethical Reality		Real-World Ethics
5	13-15 Feb	Academic Sustainability		Literature Review
6	20-22 Feb	Review/Exam 1		
7	27 Feb-1 Mar	Global Issues and Local Engagement		Carbon & Water Footprint Calculations
8	6-8 Mar	Energy		Data Analysis
9	13-15 Mar	Transportation		Commuting Behavior
10	20-22 Mar	Spring Break		
11	27-29 Mar	Water		Water for a Day
12	3-5 Apr	Food		International Food Day
13	10-12 Apr	Materials		Waste/Recycling Audit
14	17-19 Apr	Wellness		Health Calculator
15	24-26 Apr	Education		Teaching for Change
16	1 May 3 May	Personal Sustainability Student Presentations		A Day in the Life
		Exam 2		