

NEW COURSE PROPOSAL

Courses must be submitted by October 15, 2013, and finalized by the end of that fall semester for the next catalog production.

Use YELLOWED areas to enter data.

DATE (*Change if modified and redate file with current date*) 10/14/13(1ST), 4/15/14, 4.27.14

PROGRAM AREA(S) ESRM

1. Course Information. *[Follow accepted catalog format.]*

Prefix(es) (Add additional prefixes if cross-listed) **and Course No.** ESRM 205

Title: PRINCIPLES OF SUSTAINABILITY **Units:** 3.0

x Prerequisites ESRM 100

Corequisites

Consent of Instructor Required for Enrollment

Catalog Description (Do not use any symbols): Presents and analyzes the fundamental principles, methods, and procedures concerning sustainability. Topics include the history of the sustainability movement, the underlying causes for the depletion of natural resources, and current thinking on the need to consider environmental sustainability in organizational strategic planning.

Grading Scheme:

x A-F Grades

Credit/No Credit
Optional (Student Choice)

Repeatability:

Repeatable for a maximum of units
Total Completions Allowed
Multiple Enrollment in Same Semester

Course Level Information:

x Undergraduate
Post-Baccalaureate/Credential Graduate

Mode of Instruction/Components (*Hours per Unit are defaulted.*)

| | Units | Hours per Unit | Default Section Size | Graded Component | CS & HEGIS # (Filled in by the Provost's Office) |
|---------------|-------|----------------|----------------------|------------------|---|
| Lecture | 2.0 | 1 | 30 | | |
| Seminar | | 1 | | | |
| Laboratory | | 3 | | | |
| Activity | 1.0 | 2 | 30 | | |
| Field Studies | | | | | |
| Indep Study | | | | | |
| Other Blank | | | | | |

Leave the following hours per week areas blank. The hours per week will be filled out for you.

hours lecture per week
hours blank per week

2. Course Attributes:

General Education Categories: All courses with GE category notations (including deletions) must be submitted to the GE website: <http://summit.csuci.edu/geapproval>. Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

A (English Language, Communication, Critical Thinking)

- A-1 Oral Communication
- A-2 English Writing
- A-3 Critical Thinking

B (Mathematics, Sciences & Technology)

- B-1 Physical Sciences

- B-2 Life Sciences – Biology
- B-3 Mathematics – Mathematics and Applications
- B-4 Computers and Information Technology

C (Fine Arts, Literature, Languages & Cultures)

- C-1 Art
- C-2 Literature Courses
- C-3a Language
- C-3b Multicultural

D (Social Perspectives)

E (Human Psychological and Physiological Perspectives)

UDIGE/INTD Interdisciplinary

Meets University Writing Requirement (Graduation Writing Assessment Requirement)

Meets University Language Requirement

American Institutions, Title V Section 40404: Government US Constitution US History
Regarding Exec Order 405, for more information: <http://senate.csuci.edu/comm/curriculum/resources.htm>

Service Learning Course (Approval from the Center for Community Engagement must be received before you can request this course attribute).

Online Course (Answer YES if the course is ALWAYS delivered online).

Lab Fee Request – Lab fee requests should be directed to the Student Fee Committee.

- 3. Justification and Requirements for the Course.** (Make a brief statement to justify the need for the course)
- A. Justification: This course provides an important introduction to the topic of sustainability for majors and non-majors in the ESRM program. Working with campus Operations to utilize the CI campus as a “live Learn laboratory” and further the University’s goal of creating a sustainable campus community.
- B. Degree Requirement: Requirement for the Major/Minor
 Elective for the Major/Minor **Note: Submit Program Modification if this course changes your program.**
 Free Elective
- 4. Student Learning Outcomes.** List in numerical order. Please refer to the Curriculum Committee’s “Learning Outcomes” guideline for measurable outcomes that reflect elements of Bloom’s Taxonomy: <http://senate.csuci.edu/comm/curriculum/resources.htm>. The committee recommends 4 to 8 student learning outcomes, unless governed by an external agency (e.g., Nursing).
Upon completion of the course, the student will be able to:
- 1) Demonstrate a working knowledge of the history, principles and philosophy of sustainability and resource management as it is practiced in the U.S. and abroad;
 - 2) Develop the ability to analyze practices of sustainability utilizing established metrics from an ethical viewpoint;
 - 3) Identify, conceptualize, and develop solutions for the complex and critical decisions organization leaders face in an era of diminishing natural resources and higher costs for energy;
 - 4) Understand the use of new and traditional approaches to resource management in dealing with internal and external threats to organizational effectiveness;
 - 5) Gain an appreciation for the roles of business, government, and non-governmental organizations (NGOs) and their influence on societal sustainability;
 - 6) Distinguish between sustainable practices associated with water usage, energy use, waste streams, and more traditional approaches employed on the CI campus, and;
 - 7) Construct a project plan related to a sustainable practice on the CI campus
- 5. Course Content in Outline Form.** *[Be as brief as possible, but use as much space as necessary]*
- Course Introduction and assignment of project topics/teams
 - Introduction to sustainability and Historical perspective
 - Ecosystems and Human Well Being: The Anthropocene
 - The Commons: Public Policy
 - Sustainability Metrics
 - Understanding Sustainability on the CI campus: Infrastructure, Marketing, Procurement, Technology
 - Urban Environmental Policy
 - Change Management and organizational response
 - CI Campus as a Live Learn Laboratory: Constructing a project plan to analyze a sustainable campus practice or facility

Does this course content overlap with a course offered in your academic program? **Yes** x **No**
If YES, what course(s) and provide a justification of the overlap. This course builds upon concepts presented in ESRM 100 and utilizes the campus as a "Live Learn" Laboratory to understand elements of sustainable solutions in response to resource depletion.

Does this course content overlap a course offered in another academic area? **Yes** **No** x
If YES, what course(s) and provide a justification of the overlap.

Overlapping courses require Chairs' signatures.

6. Cross-listed Courses (Please note each prefix in item No. 1) Beyond three disciplines consult with the Curriculum Committee.

A. List Cross-listed Courses (Signature of Academic Chair(s) of the other academic area(s) is required).

List each cross-listed prefix for the course:

B. Program responsible for staffing:

7. References. [Provide 3 - 5 references]

Chiras, Daniel P., and Reganold John P. Natural Resource Conservation 10th edition (2009). Pearson Prentice Hall, Saddle River N.J.

Smith-Sebasto, Nicholas (ed.) Sustainability (2011). McGraw Hill. New York, NY.

McDonough, William, and Braungart, Michael. Cradle to Cradle. (2002). North Point Press, New York

Gittel, Ross and Matt Magnusson, and Michael Merenda The Sustainable Business Case Book, v. 1.0 (2012)

8. Tenure Track Faculty Qualified to Teach This Course.

ESRM Faculty

9. Requested Effective Date:

First semester offered: Spring 2015

10. New Resources Requested. **Yes** **No** x

If YES, list the resources needed.

A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)

B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)

C. Facility/Space/Transportation Needs

D. Lab Fee Requested **Yes** **No** x (Lab fee requests should be directed to the Student Fee Committee)

E. Other

11. Will this new course alter any degree, credential, certificate, or minor in your program? **Yes** **No** x

If YES attach a program update or program modification form for all programs affected.

Priority deadline for New Minors and Programs: **October 1, 2013** of preceding year.

Priority deadline for Course Proposals and Modifications: **October 15, 2013**, of preceding year.
Last day to submit forms to be considered during the current academic year: **April 15th**.

Don Rodriguez

10/14/13

Proposer of Course (Type in name. Signatures will be collected after Curriculum approval)

Date

Approval Sheet

Program/Course:

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

The CI program review process includes a report from the respective department/program on its progress toward accessibility requirement compliance. By signing below, I acknowledge the importance of incorporating accessibility in course design.

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| Program Chair | | |
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Signature

Date

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| Program Chair | | |
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Signature

Date

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| Program Chair | | |
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Signature

Date

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| General Education Chair | | |
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Signature

Date

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| Center for International Affairs Director | | |
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Signature

Date

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| Center for Integrative Studies Director | | |
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| Center for Multicultural Engagement Director | | |
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Date

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| Center for Civic Engagement Director | | |
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Signature

Date

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| Curriculum Chair | | |
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Signature

Date

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| AVP | | |
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Signature

Date