



SACRAMENTO
STATE

Course Change Proposal Form A



Academic Group (<i>College</i>): SSIS	Academic Organization (<i>Department</i>): ENVS	Date: October 7, 2009
Type of Course Proposal: New <input checked="" type="checkbox"/> Change <input type="checkbox"/> Deletion <input type="checkbox"/>	Department Chair: Dudley Burton	Submitted by: Virginia Matzek
Does this course fulfill a requirement for single-subject or multiple subject credential students? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	For Catalog Copy: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CCE (<i>Extension</i>): Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Semester Effective: Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> , 2010 <input type="checkbox"/>

This course replaces experimental course Subject Area (<i>prefix</i>) and Catalog Nbr (<i>course number</i>):	
If changing an existing course, should new version be considered a repeat of the original version? If so, the same Course ID will be maintained. If not, a new Course ID will be assigned. Note: In PeopleSoft terminology, the Course ID is the unique system identifier, not the Catalog Nbr.	Yes <input type="checkbox"/> No <input type="checkbox"/>

Change from:

Subject Area (<i>prefix</i>) & Catalog Nbr (<i>course no.</i>):	Title:	Units:
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Change to:

Subject Area (<i>prefix</i>) & Catalog Nbr (<i>course no.</i>): ENVS 149	Title: Agroecology	Units: 3
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JUSTIFICATION:

The industrial production of food has a profound impact on the environment—gobbling up water and oil, destroying habitat, polluting waterways, contributing to disease. It has also made food cheaper and more abundant than at any time in history, and has enabled the world's population to grow to its present size. Any question about changing methods of food production raises ethical and moral issues as well as practical and ecological ones. Despite being surrounded with some of the best farmland on the planet, most of our students have little idea where their food comes from or how it is grown. CSUS has no agriculture or soil science program, and we know of no other related or similar courses to this one on campus. This course may be of interest to FACS majors, and by virtue of its treatment of indigenous and traditional agricultural systems, may appeal to Anthropology majors also.

NEW COURSE DESCRIPTION: (Not to exceed 80 words, and language should conform to catalog copy. See <http://www.csus.edu/umannual/acad.htm> - Guidelines for Catalog Course Description)

Ecological aspects of the production of food and fiber, with emphasis on the sustainability and adequacy of the global food supply to meet the needs of a growing, urbanized population. Covers topics basic to all agricultural systems—soil development, fertility, irrigation, nutrient cycles, crop selection—while contrasting methods developed for large-scale industrial food production with traditional and/or organic farming methods. Required field trips.

Note:	
Prerequisite: none Enforced at Registration: Yes <input type="checkbox"/> No <input type="checkbox"/>	
Corequisite: none Enforced at Registration: Yes <input type="checkbox"/> No <input type="checkbox"/>	
Graded: Letter <input checked="" type="checkbox"/> Credit/No Credit <input type="checkbox"/>	Instructor Approval Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Course Classification (<i>e.g., lecture, lab, seminar, discussion</i>): Lecture	Title for CMS (not more than 30 characters) Agroecology
Cross Listed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, do they meet together and fulfill the same requirement, and what is the other course.

How Many Times Can This Course be Taken for Credit? 1

Can the course be taken for Credit more than once during the same term? Yes No x

FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:

Description of the Expected Learning Outcomes: Describe outcomes using the following format: "Students will be able to: 1), 2), etc." See the example at <http://www.csus.edu/afac/example.htm>

Students will be able to:

- 1) understand the biological, geological, and chemical basis for environmental impacts of food and fiber production
- 2) critically evaluate possible solutions to these problems from an interdisciplinary perspective
- 3) examine their own role as a consumer of food in light of what they learn

****Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean's office, not Academic Affairs.**

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

Midterm and final exams will assess outcome #1, understanding of biological, geological, and historical knowledge; Homework, field trips, and service learning will assess outcome #2, critically evaluating solutions, and #3, examining their personal role in food production/consumption

For whom is this course being developed?

Majors in the Dept Majors of other Depts Minors in the Dept General Education Other

Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes No

If yes, identify program(s): elective in ENV5 B.S. (proposed) and B.A. (proposed)

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes No

If yes, attach a description of resources needed and verify that resources are available.

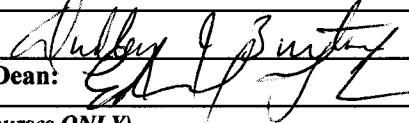
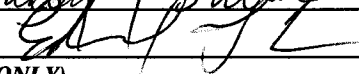
Indicate which department or programs will be affected by the proposed course (if any). FACS or Anthro majors may wish to take it

The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.

Approvals: If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

Signatures:

Date

Department Chair:		12 Oct 09
College Dean or Associate Dean:		10-13-09
CPSP (for school personnel courses ONLY)		
Associate Vice President and Dean for Academic Programs		

Distribution: Academic Affairs (original), Department Chair and College Dean. Dean's office to send original after approval to Academic Affairs, at mail zip 6016. An electronic copy must also be sent.