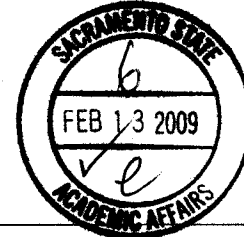




SACRAMENTO
STATE

Course Change Proposal Form A



Academic Group (College): Natural Sciences and Mathematics	Academic Organization (Department): Biological Sciences	Date: 11/17/08
Type of Course Proposal: New <input checked="" type="checkbox"/> Change <input type="checkbox"/> Deletion <input type="checkbox"/>	Department Chair: Rose Leigh Vines	Submitted by: Thomas Landerholm
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 (Extension): Yes <input type="checkbox"/> No <input type="checkbox"/>	Semester Effective: Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> , 2009

This course replaces experimental course Subject Area (prefix) and Catalog Nbr (course number):	
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 (prefix) & Catalog Nbr (course no.):	Title:	Units:

Change to:

Subject Area (prefix) & Catalog Nbr (course no.): BIO 285	Title: Topics in Biology	Units: 3
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JUSTIFICATION:

The field of Biology is broad and continually changing. This course will allow graduate students the opportunity to explore, in depth, current topics related to their sub-discipline of Biology. Because the course topics will vary with each offering, the Department's faculty will have the flexibility to meet specific needs of groups of graduate students. Additionally, the article-based format of the course will help Biological Sciences graduate students develop the scientific skills necessary to effectively read, evaluate, write, and present scientific material.

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)

Readings and discussions of current literature emphasizing new developments and controversies in a comparatively narrow range of biological topics. Topics will vary with each offering, encompassing one recognized specialty in biology. May be repeated for credit when the topics vary. Lecture three hours. Prerequisite: Graduate status or instructor permission. Units: 3.0.	
Note:	
Prerequisite: Enforced at Registration: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Corequisite: Enforced at Registration: Yes <input type="checkbox"/> No <input checked="" 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 (e.g., lecture, lab, seminar, discussion): C2	Title for CMS (not more than 30 characters): Topics in Biology
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? <u>2</u>	
Can the course be taken for Credit more than once during the same term? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

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/acaf/example.htm>

Students will be able to...

- 1) search, interpret, and analyze biological literature
- 2) consider if data presented are adequate to support the hypothesis, and if the hypothesis is the best question for the data set
- 3) organize and condense scientific material into oral and written forms
- 4) discuss the major concepts and controversies in the field being studied

**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:

Evaluation and critique of oral presentations and written reviews

For whom is this course being developed?

Majors in the Dept Majors of other Depts ___ Minors in the Dept ___ General Education ___ Other (Graduates)

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

If yes, identify program(s):

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). Biological Sciences

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: <i>Ron Ledge Vines</i>	<i>2/3/09</i>
College Dean or Associate Dean: <i>Laurel Defferman</i>	<i>2/5/09</i>
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.