



SACRAMENTO
STATE

Course Change Proposal Form A



Academic Group (College): NSM	Academic Organization (Department): Biological Sciences	Date: March 16, 2008
Type of Course Proposal: New ___ Change X_ Deletion ___	Department Chair: Nicholas Ewing	Submitted by: Nicholas Ewing
Does this course fulfill a requirement for single-subject or multiple subject credential students? Yes ___ No X	For Catalog Copy: Yes X_ No ___ CCE (Extension): Yes ___ No X	Semester Effective: Fall X_ Spring __, 2008_

This course replaces experimental course Subject Area (prefix) and Catalog Nbr (course number):

Change from:

Subject Area (prefix) & Catalog Nbr (course no.): BIO 010	Title: Basic Biological Concepts	Units: 3
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Change to:

Subject Area (prefix) & Catalog Nbr (course no.): BIO 010	Title: Basic Biological Concepts	Units: 3
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JUSTIFICATION:

The purpose of this change is to increase the lecture for this course from 2 to 3 hours per week and to remove the lab. The lab change will be offset by the addition of a new lab course, Bio 15L, which will be open to all students who have completed, or are currently enrolled in, Bio 9, 10 or 20. The increase in lecture time will allow the material to be addressed more fully and will allow time for the incorporation of additional elements such as problem-based learning and case studies to address current issues facing society.

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

Introduction to the biological sciences with emphasis at the molecular and cellular levels. Concepts and principles common to all living systems and how these help us understand current issues facing society today will be stressed. Designed for non-majors. Lecture three hours. Units: 3.0.

Note: Not open to Biological Sciences majors or students who have received credit for Bio 001 or Bio 002.

Prerequisite: None

Enforced at Registration: Yes ___ No ___

Corequisite: None

Enforced at Registration: Yes ___ No ___

CAN (California Articulation Number):

Graded: Letter X_ Credit/No Credit ___

Instructor Approval Required? Yes ___ No X

Course Classification (e.g., lecture, lab, seminar, discussion):
Lecture, C-2

Title for CMS (not more than 30 characters):
Basic Biological Concepts

Cross Listed?
Yes ___ No X_

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? once_

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/acaf/example.htm>

1. Students will demonstrate an understanding of the characteristics of living systems, including their chemical and physical aspects and be able to compare them to the characteristics of non-living systems.
2. Students will demonstrate an understanding of the cell and its functions as the fundamental basis of life.
3. Students will demonstrate an understanding of the interrelationships among living things and between living things and their environment.
4. Students will demonstrate an understanding of the cellular and molecular mechanisms that insure reproduction and the continuity of life.
5. Students will demonstrate an understanding of the mechanisms and outcomes of evolution.
6. Students will express in writing their understanding of the concepts of the course through quizzes and other writing assignments.

****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:

Lecture exams, quizzes, opinion paper addressing current issues


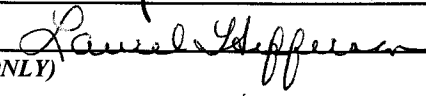
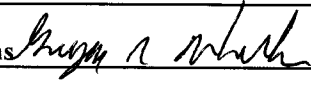
For whom is this course being developed?
 Majors in the Dept ___ Majors of other Depts ___ Minors in the Dept ___ General Education X Other ___
 Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes X No ___
 If yes, identify program(s): BA, Biochemistry concentration

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 X
 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). Chemistry

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: 	3/26/08
College Dean or Associate Dean: 	4/2/08
CPSP (for school personnel courses ONLY)	
Associate Vice President and Dean for Academic Programs 	CONDITIONAL APPROVAL 4-8-08

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.