

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

PROGRAM AREA _____

- 1. Catalog Description of the Course.** *[Include the course prefix , number, full title, and units. Provide a course narrative using underline for deletions and CAPITALS for additions including prerequisites/corequisites. If any of the following apply, include in the description: Repeatability (May be repeated to a maximum of ____ units); time distribution (Lecture ____ hours, laboratory ____ hours); non-traditional grading system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]*

BIOL 331. BIOTECHNOLOGY IN THE TWENTY-FIRST CENTURY (3)

Three hour lecture per week.

Presentation of recent advances in biotechnology and discussion of societal implications. Topics include the processes and methods used to manipulate living organisms, or the substances and products from them, for use in medicine, agriculture, food production, gene therapy, forensics and warfare. The social, ethical and political issues raised by modern biotechnology will be discussed. No credit given toward the biology major.

GenEd: B2, D and Interdisciplinary

SAME AS BUS 331

BUS 331. BIOTECHNOLOGY IN THE TWENTY-FIRST CENTURY (3)

THREE HOUR LECTURE PER WEEK.

PRESENTATION OF RECENT ADVANCES IN BIOTECHNOLOGY AND DISCUSSION OF SOCIETAL IMPLICATIONS. TOPICS INCLUDE THE PROCESSES AND METHODS USED TO MANIPULATE LIVING ORGANISMS, OR THE SUBSTANCES AND PRODUCTS FROM THEM, FOR USE IN MEDICINE, AGRICULTURE, FOOD PRODUCTION, GENE THERAPY, FORENSICS AND WARFARE. THE SOCIAL, ETHICAL AND POLITICAL ISSUES RAISED BY MODERN BIOTECHNOLOGY WILL BE DISCUSSED. NO CREDIT GIVEN TOWARD THE BIOLOGY MAJOR.

GENED: B2, D AND INTERDISCIPLINARY

SAME AS BIOL 331

2. Mode of instruction

	<u>Existing</u>				<u>Proposed</u>		
	Units	Hours Per Unit	Benchmark Enrollment		Units	Hours per Unit	Benchmark Enrollment
Lecture	____3____	____1____	____30____	Lecture	____3____	____1____	____100____
Seminar	_____	_____	_____	Seminar	_____	_____	_____
Laboratory	_____	_____	_____	Laboratory	_____	_____	_____
Activity	_____	_____	_____	Activity	_____	_____	_____

- 3. Course Content in Outline Form if Being Changed.** *[Be as brief as possible, but use as much space as necessary]*

- 4. References.** *[Provide 3-5 references on which this course is based and/or support it.]*

- 5. Indicate Changes and Justification for Each.** *[Check all that apply and follow with justification. Be as brief as possible but, use as much space as necessary.]*

- ☐ Course title
☐ Prefix/suffix
☐ Course number
☐ Units
☐ Staffing formula and enrollment limits
☐ Prerequisites/corequisites
☐ Catalog description
☐ Course content
☐ References
☐ GE
☒ Other Crosslisting with Business

The BS in Business degree program requires students in the major to take 6 units of upper-division interdisciplinary majors courses. The Business Program would like to include BIOL 331 as one of such courses for their students to choose from. The Biology Program agrees with this inclusion. This century is the century of biotechnology and its advancement. In order to produce successful graduates to be engaged in future businesses, it is vitally important for the Business majors to be sufficiently literate in the rapid advancement of biotechnology in its multifaceted and broad areas in medicine, agriculture, food production, gene therapy, forensics, biological warfare and biodefence. It is also essential for the Business students to gain critical thinking skills through discussions of the impact of modern biotechnology on ethics, policy making, business management and societal implications.

6. If this modification results in a GE-related change indicate GE category affected:

A (English Language, Communication, Critical Thinking)	
B (Mathematics & Sciences)	
C (Fine Arts, Literature, Languages & Cultures)	
D (Social Perspectives)	
E (Human Psychological and Physiological Perspectives)	

7. Consultation

Attach consultation sheets from all program areas, Library, and others (if necessary)

8. If this course modification will alter any degree, credential, certificate, or minor program in your program attach a program modification.

__Ching-Hua Wang/ Bill Cordeiro__ 9/2/05_____
 Proposer of Course Modification Date

Approvals

Program Coordinator	Date
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GE Committee Chair (If applicable)	Date
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Curriculum Committee Chair	Date
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Dean	Date
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Effective Semester: _____

California State University Channel Islands
Course Modification Consultation Sheet

1. Course prefix, number, title, and units: _____

2. Program Area: _____

Recommend Approval

Program Area/Unit	Program/Unit Coordinator	YES	NO (attach objections)	Date
Art				
Business & Economics				
Education				
ESRM				
Humanities				
Liberal Studies				
Mathematics & CS				
Sciences				
Library*				
Information Technology*				

* If needed