

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

**Courses must be submitted by October 15, 2014, and finalized by the end of the fall semester to make the next catalog (2015-16) production**

DATE (CHANGE DATE EACH TIME REVISED): 10/26/14, **REV 12/16/2014**

PROGRAM AREA(S): BIOLOGY COURSE NO: 494

**Directions: All sections of this form must be completed. Use **YELLOWED** areas to enter data. All documents are stand-alone sources of course information.**

**1. Indicate Changes and Justification for Each.** [Mark all change areas that apply]

- |   |   |
|---|---|
| <input type="checkbox"/> Course title                           | <input type="checkbox"/> Course Content           |
| <input type="checkbox"/> Prefix/suffix                          | <input type="checkbox"/> Course Learning Outcomes |
| <input type="checkbox"/> Course number                          | <input type="checkbox"/> References               |
| <input checked="" type="checkbox"/> X Units                     | <input type="checkbox"/> GE                       |
| <input type="checkbox"/> Staffing formula and enrollment limits | <input type="checkbox"/> Other                    |
| <input type="checkbox"/> Prerequisites/Corequisites             | <input type="checkbox"/> Reactivate Course        |
| <input checked="" type="checkbox"/> X Catalog description       |   |
| <input checked="" type="checkbox"/> X Mode of Instruction       |   |

**Justification:** ☐

(Please provide justification(s) for each marked item above). Be as brief as possible but use as much space as necessary.]:

**BIOL 492/494/497 courses originally required students to make a presentation of their work in BIOL 499, which was originally offered as a colloquium. In 2006 the format of BIOL 499 was changed extensively and is not longer a colloquium course. We would like to remove the text describing the colloquium presentation from the descriptions of BIOL 492/494/497 since this is no longer required. In addition, BIOL 494 is now strictly a laboratory/field research course, not a library research course (this is BIOL 497) and students are required to take safety training in order to participate. Description change reflects this requirement. Restricting BIOL 494 to lab/field only permits more accurate documentation of safety procedures.**

**Units change from variable to 2 to standardize curriculum and time commitment expectations for students and supervising faculty.**

**2. Course Information.**

[Follow accepted catalog format.] (Add additional prefixes i f cross-listed)

OLD	NEW
Prefix BIOL Course# 494	Prefix BIOL Course# 494
Title Independent Research Units (1-3)	Title Independent Research Units (2)
<input type="checkbox"/> hours lecture per week	<input type="checkbox"/> hours lecture per week
3-9 hours independent study per week	6 hours independent study per week
X Prerequisites: Consent of instructor and program approval.	X Prerequisites: Consent of instructor and program approval.
X Consent of Instructor Required for Enrollment	X Consent of Instructor Required for Enrollment
<input type="checkbox"/> Corequisites: <input type="checkbox"/>	<input type="checkbox"/> Corequisites: <input type="checkbox"/>

**Catalog Description** (Do not use any symbols):

Laboratory and/or library research that may involve service learning in selected areas of biology conducted under the direction of a faculty member. All students are required to attend the Biology Program Senior Capstone Colloquium to present their projects. Graded credit/No credit.

General Education Categories: ☐

Grading Scheme (Select one below):

☐ A – F

X Credit/No Credit

☐ Optional (Student's Choice)

Repeatable for up to 6 units

Total Completions ☐

Multiple Enrollment in Same Semester Y/N N

Course Level:

X Undergraduate

☐ Post-Baccalaureate

☐ Graduate

**Catalog Description** (Do not use any symbols):

Laboratory and/or field research that **may involve service learning** in selected areas of biology conducted under the direction of a faculty member. Students will be required to participate in biology program laboratory safety training.

General Education Categories: ☐

Grading Scheme (Select one below):

☐ A – F

X Credit/No Credit

☐ Optional (Student's Choice)

Repeatable for up to 6 units

Total Completions ☐

Multiple Enrollment in Same Semester Y/N N

Course Level:

X Undergraduate

☐ Post-Baccalaureate

☐ Graduate

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

**Hegis Code(s)** \_\_\_\_\_

(Provided by the Dean)

**Existing**

**Proposed**

	Units	Hours Per Unit	Benchmark Enrollment	Graded		Units	Hours Per Unit	Benchmark Enrollment	Graded	CS No. (filled out by Dean)
Lecture	<input type="checkbox"/>	<u>1</u>	<input type="checkbox"/>	<input type="checkbox"/>	Lecture	<input type="checkbox"/>	<u>1</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seminar	<input type="checkbox"/>	<u>1</u>	<input type="checkbox"/>	<input type="checkbox"/>	Seminar	<input type="checkbox"/>	<u>1</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lab	<input type="checkbox"/>	<u>3</u>	<input type="checkbox"/>	<input type="checkbox"/>	Lab	<input type="checkbox"/>	<u>3</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Activity	<input type="checkbox"/>	<u>2</u>	<input type="checkbox"/>	<input type="checkbox"/>	Activity	<input type="checkbox"/>	<u>2</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Field Studies	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Field Studies	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indep Study	<u>1-3</u>		<u>10</u>	<input type="checkbox"/>	Indep Study	<u>2</u>		<u>10</u>	<input type="checkbox"/>	<input type="checkbox"/>
Other blank	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Other blank	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Online	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Online	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**4. Course Attributes:**

☐ **General Education Categories:** All courses with GE category notations (including deletions) must be submitted to the GE website: <http://summit.csuci.edu/ge>  
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).

**5. Justification and Requirements for the Course.** *[Make a brief statement to justify the need for the course]*

**OLD**

This is an elective for biology majors. Independent research is conducted under the mentorship of a faculty advisor. The topic will be chosen by the student in consultation with the faculty advisor.

☐ Requirement for the Major/Minor

X Elective for the Major/Minor

☐ Free Elective

**NEW**

This is an elective for biology majors. Independent research is conducted under the mentorship of a faculty advisor. The topic will be chosen by the student in consultation with the faculty advisor.

☐ Requirement for the Major/Minor

X Elective for the Major/Minor

☐ Free Elective

**Submit Program Modification if this course changes your program.**

**6. 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:

**OLD**

1. Design and carry out experiments
2. Identify topic appropriate research materials
3. Synthesize information from a variety of sources
4. Report on chosen topic in written and oral form

Upon completion of the course, the student will be able to:

**NEW**

- Design and carry out experiments
- Identify topic appropriate research materials
- Synthesize information from a variety of sources
- Report on chosen topic in written and oral form.

**7. Course Content in Outline Form.** (Be as brief as possible, but use as much space as necessary)

**OLD**

Course content will vary by student.

**NEW**

Course content will vary by student.

Does this course content overlap with a course offered in your academic program? Yes ☐ No X

If YES, what course(s) and provide a justification of the overlap. ☐

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.

**8. Cross-listed Courses (Please note each prefix in item No. 1)**

- A. List cross-listed courses (Signature of Academic Chair(s) of the other academic area(s) is required).
- B. List each cross-listed prefix for the course:
- C. Program responsible for staffing:

**9. References.** *[Provide 3-5 references]*

OLD N/A

NEW N/A

**10. Tenure Track Faculty qualified to teach this course.**

All Biology TT faculty

**11. Requested Effective Date or First Semester offered: Fall 2015**

**12. New Resource Requested: Yes ☐ No ☒**

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 ☐ ( Refer to the Dean's Office for additional processing)

E. Other.

**13. Will this course modification alter any degree, credential, certificate, or minor in your program? Yes ☐ No ☒**

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

Deadline for New Minors and Programs: **October 1, 2014.**

Deadline for Course Proposals and Modifications, and for Program Modifications: **October 15, 2014.**

Last day to submit forms to be considered during the current academic year: **April 1, 2015.**

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Amy Denton

**10/15/14**

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Proposer(s) of Course Modification

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Date

Type in name. Signatures will be collected after Curriculum approval.

# Approval Sheet

**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.

Program Chair		
Signature		Date
Program Chair		
Signature		Date
Program Chair		
Signature		Date
General Education Chair		
Signature		Date
Center for Intl Affairs Director		
Signature		Date
Center for Integrative Studies Director		
Signature		Date
Center for Multicultural Engagement Director		
Signature		Date
Center for Civic Engagement and Service Learning Director		
Signature		Date
Curriculum Chair		
Signature		Date
AVP		
Signature		Date