COURSE MODIFICATION PROPOSAL
Courses must be submitted by November 2, 2009,
to make the next catalog (2010--2011) production

DATE (CHANGE DATE EACH TIME REVISED): 9/29/2009 REV 11.3.09; REV 12.3.09
PROGRAM AREA(S) : CHEMISTRY

Directions: All of sections of this form must be completed for course modifications. All documents are stand alone sources of course information.

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

OLD	**NEW**
Prefix CHEM Course# 492 Title	Prefix CHEM Course# 492 Title

OLD	NEW
Internship/Service Learning Units (1-3)	Internship/Service Learning Units (1-3)
____ hours lecture per week	____ hours lecture per week
2-6 hours activity per week	2-6 hours activity per week
____ Prerequisites: ____	____ Prerequisites: ____
x Consent of Instructor Required for Enrollment	x Consent of Instructor Required for Enrollment
____ Corequisites: ____	____ Corequisites: ____

Catalog Description (Do not use any symbols):

OLD:
Provides student credit for internship work and/or service learning in the community that culminates in a written and oral report. Repeatable.

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

NEW:
Provides student credit for internship work and/or service learning in the community that culminates in a written and oral report. Repeatable.

OLD

General Education Categories ____

____ Lab Fee Requested

Course Level:
____ Undergraduate
____ Post-bac/Credential
____ Graduate

Graded
____
CR/NC
x A - F
____ Optional (Student's choice)

x Repeatable for up to 6 units
Total Completions 6
____ Multiple Enrollment in same semester

NEW

General Education Categories ____

____ Lab Fee Requested

Course Level:
xxx Undergraduate
____ Post-bac/Credential
____ Graduate

Graded
x CR/NC
____ A - F
____ Optional (Student's choice)

x Repeatable for up to 6 units
Total Completions 6
____ Multiple Enrollment in same semester

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2. **Mode of Instruction (Hours per Unit are defaulted)**   **Hegis Code(s)**_____

(Provided by the Dean)

Existing

	Units	Hours Per Unit	Benchmark Enrollment	Graded
Lecture	____	1	____	____
Seminar	____	1	____	____
Lab	____	3	____	____
Activity	**1-3**	2	**5-20**	x
Field Studies	____		____	____
Indep Study	____		____	____
Other blank	____		____	____

Proposed

	Units	Hours Per Unit	Benchmark Enrollment	Graded	CS No. (filled out by Dean)
Lecture	____	1	____	____	____
Seminar	____	1	____	____	____
Lab	____	3	____	____	____
Activity	**1-3**	2	**5-20**	x	____
Field Studies	____		____	____	____
Indep Study	____		____	____	____
Other blank	____		____	____	____

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3. **Course Attributes:**

9.15.08 km2

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General Education Categories: All courses with GE category notations (including deletions) must be submitted to the GE website: http://summit.csuci.edu/geapproval. 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
   Meets University Language Requirement

□ **American Institutions, Title V Section 40404**: □ Government   □ US Constitution   □ US History
Refer to website, 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).

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

OLD	NEW
Provides student credit for independent research (laboratory or library) that culminates in a written and oral report.	Provides student credit for independent research (laboratory or library) that culminates in a written and oral report.
□ Requirement for the Major/Minor Elective for the Major/Minor Free Elective	□ Requirement for the Major/Minor xx Elective for the Major/Minor □ Free Elective

   Submit Program Modification if this course changes your program.

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5. **Learning Objectives.** (List in numerical order. You may wish to visit resource information at the following website: http://senate.csuci.edu/comm/curriculum/resources.htm)

Upon completion of the course, the student will be able to:	Upon completion of the course, the student will be able to:
OLD	**NEW**
Students who successfully complete this course will be able to:	Students who successfully complete this course will be able to:
• Discuss the subject matter related to the independent research experience	• Discuss the subject matter related to the independent research experience
• Apply the knowledge obtained in prior Chemistry courses to the independent research experience	• Apply the knowledge obtained in prior Chemistry courses to the independent research experience

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

OLD	NEW

Variable

Variable

Does this course content overlap with a course offered in your academic program? Yes <mark>　　</mark> **No** <mark>x</mark>
If YES, what course(s) and provide a justification of the overlap. <mark>　　</mark>

Does this course content overlap a course offered in another academic area? Yes <mark>　　</mark> **No** <mark>x</mark>
If YES, what course(s) and provide a justification of the overlap. <mark>　　</mark>

Overlapping courses require Chairs' signatures.

7. 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: <mark>　　</mark>
  C. Program responsible for staffing: <mark>　　</mark>

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

   OLD

Variable

   NEW

   Variable

9. Tenure Track Faculty qualified to teach this course.

Simone Aloisio, Blake Gillespie, Phil Hampton

10. Requested Effective Date or First Semester offered: <mark>**Fall 2010**</mark>

11. New Resource Requested: Yes <mark>　　</mark> **No** <mark>　　</mark>
  If YES, list the resources needed.

  A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)
  <mark>　　</mark>

  B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)
  <mark>　　</mark>

  C. Facility/Space/Transportation Needs:
  <mark>　　</mark>

  D. Lab Fee Requested: Yes <mark>　　</mark> **No** <mark>x</mark>   **(Refer to the Dean's Office for additional processing)**
  E. Other. <mark>　　</mark>

12. 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.]*

<mark>　</mark>	Course title	<mark>　</mark>	Course Content
<mark>　</mark>	Prefix/suffix	<mark>　</mark>	Course Learning Objectives
<mark>　</mark>	Course number		References
<mark>　</mark>	Units		GE
<mark>　</mark>	Staffing formula and enrollment limits	x	Other <mark>Grading</mark>
<mark>　</mark>	Prerequisites/Corequisites	<mark>　</mark>	Reactivate Course
<mark>　</mark>	Catalog description		
<mark>　</mark>	Mode of Instruction		

Justification: The department met and decided that credit/no-credit was a more appropriate grading scheme for this type of course. Students typically either did the work required or did not.

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

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

Priority deadline for New Minors and Programs: October 5, 2009 of preceding year.

Priority deadline for Course Proposals and Modifications: November 2, 2009.

Last day to submit forms to be considered during the current academic year: April 15th.

Simone Aloisio   9/29/2009

Proposer(s) of Course Modification   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.

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

Dean of Faculty		
	Signature	Date