

NEW COURSE PROPOSAL**Courses must be submitted by November 9, 2007, to make the next catalog production**DATE (*Change if modified*)

10/18/2007 REV 12.18.07

PROGRAM AREA(S)

UNIVERSITY

1. Catalog Description of the Course. *[Follow accepted catalog format.]***Prefix(es)** (Add additional prefixes if cross-listed) **UNIV Course No. 498****Title: FACULTY-STUDENT COLLABORATIVE RESEARCH Units: 3**☐ Prerequisites☐ Corequisites☒ Consent of Instructor Required for Enrollment**Description** (Do not use any symbols):

Students will engage in the creation of original intellectual or creative work by collaborating with a faculty member on a research project of the faculty member's choosing. Student activities will include reading scholarly publications, research or creative activities both independently and with the faculty mentor, attending workshops, writing, and preparation of a conference presentation.

Grading Scheme:☐ A-F Grades☐ Credit/No Credit☒ Optional (Student Choice)**Repeatability:**☒ Repeatable for a maximum of 9 units

Total Completions Allowed 3

☐ Multiple Enrollment in Same Semester**Lab Fee Required:** ☐**Mode of Instruction/Components** (*Hours per Unit are defaulted.*)

	Units	Hours per Unit	Benchmark Enrollment	Graded Component	CS & HEGIS # (Filled in by the Dean)
Lecture		1		<input type="checkbox"/>	
Seminar		1		<input type="checkbox"/>	
Laboratory		3		<input type="checkbox"/>	
Activity	3	2	6	<input checked="" type="checkbox"/>	
Field Studies				<input type="checkbox"/>	
Indep Study				<input type="checkbox"/>	
Other	6 - 10			<input type="checkbox"/>	
Thesis Research					

The following two lines will be filled out internally based on the Mode of Instruction data directly above.

6 hours activity per week (*Use 2nd line only if necessary*)

hours blank per week

Course Attributes:

☐ **General Education Categories:** All courses with GE categories notations (including deletions) must be processed at 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

3. Justification and Requirements for the Course. (Make a brief statement to justify the need for the course)

A. Justification:

UNIV 498 is designed to provide students the opportunity to collaborate with faculty on an ongoing research project lying within the faculty member's research agenda. The responsibilities of the individual faculty teaching the course include the following:

- Provide students the necessary background to understand the context of the research project.
- Engage the students in the research project by suggesting specific activities.
- Mentor students by providing direction, suggestions, and feedback.
- Advise students in preparing conference presentations.
- Direct one workshop for all UNIV 498 students, chosen from a list of skills-based workshops updated each semester by the faculty teaching that semester. Such a list might include
 - o How to Talk about your Research Informally (with Non-Specialists)
 - o Conference Oral Presentations – Overview and Design
 - o Conference Poster Presentations – Overview and Structure
 - o Conference Presentations – Powerpoint Workshop, Level 1
 - o Conference Presentations – Powerpoint Workshop, Level 2
 - o Preparing for the Graduate School Application Process
 - o How to get the most out of your conference participation

Univ 498 should be mutually beneficial to the faculty and students involved, as well as to CSU Channel Islands, as outlined below.

Benefits for Faculty

1. Faculty may receive student assistance with their research.
2. Faculty may have the opportunity to extend into research areas into which they currently cannot due to time constraints.

Benefits for Students

1. Students learn by doing. UNIV 498 will
 - a. Introduce students to research puzzles that are relevant in their field.
 - b. Introduce students to more methodologically sophisticated modes of analysis.
 - c. Introduce students to advanced literatures.
 - d. Improve students' written and oral communications skills.
2. Students who participate in research may consider pursuing graduate degrees.
3. Students with research experience and tangible products will be more attractive to employers, graduate programs, and pre-professional schools.

Benefits for CSUCI

UNIV 498 will distinguish CSUCI as a "different kind of CSU" – one at which students have the opportunity to collaborate with faculty on research projects. Our students don't just learn about research, they participate in the creation of original intellectual or creative contributions. Planning is underway for a web presence highlighting the outcomes of these faculty-student research projects, and the expectation of conference presentations will ensure that our students' accomplishments are visible within academic communities. Each spring a CSUCI Faculty-Student Research Symposium will be held on campus to showcase the results of the research projects carried out during that academic year.

- B. Degree Requirement: ☐ Requirement for the Major/Minor
☒ Elective for the Major/Minor

Note: Submit Program Modification if this course changes your program.

4. Learning Objectives. (Bullets, will occur upon carriage return)

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

- Discuss in detail one or more research questions and progress towards addressing those questions.
- Locate, identify, read and apply relevant literature.
- Carry out methodologically sophisticated modes of analysis relevant to the discipline(s) of the research project
- Write an abstract for submission to a conference.
- Prepare and present a poster or talk for presentation at a conference.

5. Course Content in Outline Form. *[Be as brief as possible, but use as much space as necessary]*

- I. Weeks 1 – 2: Introduction to the research area and the problem, background reading, discussion
- II. Weeks 3 – 12: Work on the research problem, independently and in collaboration with the faculty mentor. Attend UNIV 498 workshops as scheduled. Prepare abstract.
- III. Weeks 13 – 15: Wrap up student involvement in research project. Prepare conference presentation. Conduct assessment of activity.
- IV. Note: individual faculty teaching the course will modify this outline as appropriate for their research projects and the timing of conferences at which students will present.

Does this course overlap a course offered in your academic program? YES ☒ NO ☐

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

This course may overlap with various programs' 494 (Independent Research) courses. UNIV 498 seeks a means within which faculty may engage students in significant research projects that arise from the faculty member's own research agenda. UNIV 498 would recognize that true faculty-student collaborative research fails to fit within the usual enrollment paradigm yet is of such benefit to the faculty, student, and university that it merits special status.

Does this course overlap a course offered in another academic area? YES ☒ NO ☐

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

See the paragraph above regarding overlap with various programs' 494 courses.

Signature of Academic Chair(s) of the other academic area(s) is required on the signature sheet below.

6. Cross-listed Courses *(Please fill out separate description in item 1 above, for each PREFIX)*

- A.** List Cross-listed Courses (Signature of Academic Chair(s) of the other academic area(s) is required).
Prefix for cross-listed discipline(s):

- B.** Department responsible for staffing:

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

- References particular to each research project will be chosen by the faculty selected to teach this course. A sample list might include journal articles and other publications relevant to the research project itself as well as general references on topics such as writing for publication and preparing conference presentations.

8. List Faculty Qualified to Teach This Course.

- Faculty will be invited to teach the course through a selection process including submission of a proposal that includes details about both the research project and how the students will be involved.

9. Effective Date

- A.** First semester offered: Fall 08

10. New Resources Required. YES ☐ NO ☒

If YES, list the resources needed and obtain signatures from the appropriate programs/units on the sheet below.

- A.** Computer (data processing), audio visual, broadcasting needs, other equipment)

B. Library needs

C. Facility/space needs

11. Will this new course alter any degree, credential, certificate, or minor in your program? YES ☐ NO ☒

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

Catalog deadline for New Minors and Programs (including modifications): October 15, 2007, preceding year.

Catalog deadline for Course Proposals and Modifications: November 9, 2007, of preceding year.

Last day to submit any work to be considered for the academic year: April 15th.

Simone Aloisio, Dennis Downey, Sean Kelly, Daniel
Lee, Cindy Wyels

Proposer of Course

10/18/2007

Date

Approval Sheet
Program/Course:

Program Chair(s)	Date
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Program Chair(s)	Date
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General Education Chair(s)	Date
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Curriculum Committee Chair(s)	Date
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Dean of Faculty	Date
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