

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

NEW COURSE PROPOSAL

PROGRAM AREA: **BIOLOGY**

1. Catalog Description of the Course. [Include the course prefix, number, full title, and units. Provide a course narrative including prerequisites and 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 492 INTERNSHIP (2-3)

Prerequisites: Consent of instructor and program approval.

Supervised work and study in work situations involving biological research and technical skills. May involve service learning. All students are required to attend the Biology Program Senior Capstone Colloquium to present their projects. Graded credit/no credit.

2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	_____	_____	_____
Seminar	_____	_____	_____
Laboratory	_____	_____	_____
Activity	___2-3___	___3___	___20___

3. Justification and Learning Objectives for the Course. (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) [*Use as much space as necessary*]

This is an upper division elective course designed to provide biology majors with relevant industrial and research experience in the practical applications of the knowledge and skills they have gained in their undergraduate program.

Students completing this class should be equipped with the knowledge and skills to:

1. Explain the processes and methods used in industrial and/or research settings.
2. Apply the concepts and principles learned in biology courses to the industrial and/or research arena.
3. Design experiments to test scientific hypotheses.
4. Analyze data and apply appropriate statistical tests.
5. Evaluate research outcomes.

4. Is this a General Education Course **NO**

If Yes, indicate GE category:

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

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

Course content will vary by student.

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

References will vary and will be determined by the student and their faculty mentor.

7. List Faculty Qualified to Teach This Course.

Biology Faculty

8. Frequency.

a. Projected semesters to be offered: Fall _x_____ Spring __x____ Summer _____

9. New Resources Required.

- a. Computer (data processing), audio visual, broadcasting needs, other equipment
- b. Library needs
- c. Facility/space needs

10. Consultation.

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

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

Louise Lutze-Mann 1-3-03
Proposer of Course Date