

# CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

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 499. SENIOR CAPSTONE COLLOQUIUM (1)

Prerequisites: BIOL 492, 494 or 497

Oral and written presentation of completed or work-in-progress projects of BIOL 492, 494, or 497 courses. Graded credit/no credit.

- 2. Mode of Instruction.**

	Units	Hours per Unit	Benchmark Enrollment
Lecture	<u>1</u>	<u>1</u>	<u>20</u>
Seminar	_____	_____	_____
Laboratory	_____	_____	_____
Activity	_____	_____	_____

- 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 a capstone course taken by Biology majors who have carried out service learning and senior projects in BIOL 492, 494 or 497. In this course, students will work independently or as a team to synthesize the information obtained from their projects with the ideas and knowledge learned from classrooms and present their work to an audience in a comprehensive and professional manner. This course is used as one of the summative indicators to assess student-learning outcomes.

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

1. Collect and organize information obtained from a specific project.
2. Systematically research and critically examine background information for a specific project.
3. Apply appropriate tests and measures to examine collected data.
4. Critically interpret data obtained from a specific project.
5. Discuss their own findings in the context of related research in the same or similar field.
6. Synthesize the information obtained from their projects with the ideas and knowledge learned from classrooms.
7. Present a specific project from conception to completion in a comprehensive and professional manner.

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

If Yes, indicate GE category:

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

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

It varies according to students' presentation topics.

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

They vary according to students' presentation topics.

- 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.

<u>Ching-Hua Wang</u>	<u>1-3-03</u>
Proposer of Course	Date