

# CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

## NEW COURSE PROPOSAL

PROGRAM AREA \_\_\_\_\_

- 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 491. SPECIAL LABORATORY TOPICS (1-3)

Prerequisites: CHEM 122; BIOL 300 with a grade of C or better.

Laboratory study of a selected topic, the title of which is to be specified in advance. Repeatable by topic. A lab fee is required.

- 2. Mode of Instruction.**

	Units	Hours per Unit	Benchmark Enrollment
Lecture	_____	_____	_____
Seminar	_____	_____	_____
Laboratory	____1-3____	____3____	____20____
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]*

BIOL 490 is an elective for Biology majors. This type of courses covers special and contemporary laboratory techniques and topics in a particular sub-discipline in biology and is not offered on a regular basis. This course format also allows biology faculty members the opportunity to offer brand-new or experimental laboratory courses that, once successfully established, could be proposed to be included in the catalog as regularly offered courses. Biology as a scientific discipline has experienced rapid advances in recent years. This course format provides the flexibility needed for the Biology program to adjust and readjust its curriculum without disrupting its core program. Students will benefit from such courses to gain advanced knowledge and skills when faculty members use this course format to offer laboratory courses in emerging fields. Transfer students could also use this course to make up a missing laboratory component for a particular course, offered by other colleges or universities, for which the laboratory is required by our Biology program.

Students who successfully complete this course will be able to:

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

- 4. Is this a General Education Course** YES NO  
If Yes, indicate GE category:

**A (English Language, Communication, Critical Thinking)**

