

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS
NEW COURSE PROPOSAL

DATE 12.16.06
PROGRAM AREA ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT

1. Catalog Description of the Course. *[Follow accepted catalog format.]*

Prefix ESRM Course# 491 Title CAPSTONE PREPARATION Units (1)
1 hours activity per week
1 hours activity per week
☒ Prerequisites Senior standing in the Environmental Science and Resource Management major
☐ Corequisites
Description Research and develop a proposal for an ESRM project.

☐ Gen Ed Categories
☐ Lab Fee Required
☐ Title V Section 40404: ☐ Government ☐ US Constitution ☐ US History

Graded
☐ CR/NC
☒ A - F
☐ Optional (Student's choice)

☐ Repeatable for up to 3 units
Total Completions Allowed
☐ Multiple Enrollment in same semester

2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment	Graded Component	CS & HEGIS # (filled in by Dean)
Lecture	_____	_____	_____	☐	_____
Seminar	_____	_____	_____	☐	_____
Laboratory	_____	_____	_____	☐	_____
Activity	1	2	15	☒	_____

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 course will allow senior ESRM students to prepare for their Capstone Project (ESRM 499). The students are expected to select the topic for their projects, select an advisor, conduct preparatory literature searches, select approaches, tools and methodologies, and construct a plan with the timeline for their project. The preparations made in this course will enable the students to begin working on their projects from the start of the semester, so the objectives of the Capstone Project course can be achieved.

Learning Objectives

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

- Set professional goals and objectives
- Recognize fields of study that are relevant to the problem at hand
- Conduct a literature search to build a reading list necessary to approach a problem
- Select approaches for problem resolution
- Construct plans for resolving problems
- Select collaborators for resolving problems
- Organize and express ideas clearly and convincingly in written and oral form

This course is not designed to satisfy the University Writing or Language requirements.

4. Is this a General Education Course YES ☐ NO ☒

If Yes, indicate GE category and attach GE Criteria Form:

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) ☐

UD Interdisciplinary ☐

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

Topic selection process

- Research area of interest in ESRM
- Develop a proposal for a Capstone Project
- Develop a project plan
- Presentation of the project.

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?

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?

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 form for each PREFIX)**

List Cross-listed Courses

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

Department responsible for staffing: ESRM

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

References will be selected as appropriate to the project.

8. **List Faculty Qualified to Teach This Course.**

All ESRM faculty

9. **Effective Date and Frequency.**

a. Projected semesters to be offered: Fall ☒ Spring ☐ Summer ☐

b. First semester offered: Fall 2007

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.

Don Rodriguez
Proposer of Course

9/28/2006
Date

Approval Sheet

Program/Course:

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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