

## NEW COURSE PROPOSAL

PROGRAM AREA ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT

### 1. Catalog Description of the Course.

ESRM 499. CAPSTONE (3)

Three hours of lecture / discussion per week.

Prerequisites: Upper division required courses in ESRM major may be completed concurrently

This course consists of an interdisciplinary evaluation of the physical, biological, social, economic, and legal dimensions of environmental decision-making. The instructor will select from Southern California ecosystems – and decisions with associated environmental impacts – for evaluation and analysis. Topics include decisions to reduce, control, or treat surface water run-off, establishing or changing the management of marine protected areas, dredging in harbors, and permits for coastal development. Students will provide results to appropriate national, state, or local agencies for consideration and deliberation in administrative decisions.

### 2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	___3___	___1___	___15___
Seminar	_____	_____	_____
Laboratory	_____	_____	_____
Activity	_____	_____	_____

### 3. Justification and Learning Objectives for the Course.

The course is designed to provide the student with a basic knowledge of:

- Local and state environmental issues that resource managers need to be aware of and understand;
- Methods to observe and critically analyze difficult problems in a comprehensive and integrated manner;
- Integration of the concepts and techniques acquired throughout their degree program; and
- The administrative processes which interact with their discipline.

Learning Objectives:

- Describe how management concepts and analytical techniques are integrated to address resource management issues;
- Describe the process(es) used to involve stakeholders in resource management issues;
- Identify the general steps and process(es) to address specific environmental issues; and
- Describe in detail how a specific resource management issue is being or has been dealt with in Southern California.

### 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.

Variable topics course. Content will depend on topic and instructor.