

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

NEW COURSE PROPOSAL

PROGRAM AREA ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT

1. Catalog Description of the Course.

ESRM 464. LAND USE PLANNING AND AGRICULTURAL MANAGEMENT (3)

Three hours of lecture per week.

Prerequisites: BIOL 330, ECON 362, ESRM 329

This course will examine various approaches to land use planning at the municipal, county, state, national, and international level focusing on the role of land use planning in managing agricultural lands within and adjacent to urban areas. Students will use case studies from Ventura County and related areas.

2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	3	1	25
Seminar			
Laboratory			
Activity			

3. Justification and Learning Objectives for the Course.

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

- Context of land use planning and agricultural management;
- Range of impacts made by different types of land-use and agricultural activities;
- Information needs of land use planning and agricultural management;
- Formulation of land use and agricultural management goals and policies;
- Methods and procedures of land use planning and agricultural management; and
- Various techniques to implement land use planning and agricultural management.

Learning Objectives:

- Describe the broad categories of land use in California;
- Relate uses of land to landscape features and the land classes of California;
- List the categories of land protection which may be used for nature conservation;
- Discuss landscape evaluation in relation to human impacts;
- Give an account of resource use planning, including legal aspects;
- Define environmental impact assessment and describe at least one case study;
- Describe the principles of habitat restoration;
- Draft a management plan in relation to human impacts on sensitive sites;
- Describe the analytical techniques used in landscape ecology; and
- Give an account of how the principles of ecological theory can be applied to landscape studies.

It is anticipated that this course will be an elective for the ESRM major and minor

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)		

