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)	

D (Social Perspectives)		
E (Human Psychological and Physiological Perspectives)		

5. Course Content in Outline Form.

What is land use planning and how does it relate to agricultural management? Current and long range planning Land use planning in urban and rural fringe areas Basic structure of the municipal planning process Review of development applications and permits Rural land use planning Resource land policies Coastal planning Planning for natural hazards Planning for development of infrastructure Transportation planning Housing Economic development

6. References.

Land restoration and reclamation: principles and practice Harris, J.A., Birch, P., Palmer, J. Longman (1996)

Managing habitats for conservation Sutherland, W.J., Hill, D.A. Cambridge University Press (1995)

Agricultural ecology Tivy, J. Longman (1990)

Urban Land Use Planning, 4th edition Edward J. Kaiser, David R. Godschalk and F. Stuart Chapin, Jr., University of Illinois Press (1995)

Planning Made Easy Toner, W., Gil, E., Lucchesi, E., Barrett, C. and Joice, R. APA Planners Press (1994)

7. List Faculty Qualified to Teach This Course.

The campus has received funding for an endowed chair in land use planning.

8. Frequency.

a. Projected semesters to be offered: Fall __X__ Spring ____ Summer _____

9. New Resources Required. None

10. Consultation.

N/A

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

Dr.	Mark Zacharias	
Pro	poser of Course	

December 1st, 2002 Date