CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

NEW COURSE PROPOSAL

PROGRAM: ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT

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.]*

   ESRM 494. INDEPENDENT RESEARCH (1-3)
   Variable hours per week.
   Prerequisite: Consent of instructor.
   Individual research on topic selected by the student and faculty mentor. Enrollment in this course is with permission of faculty member in charge. Repeatable for up to nine units. Credit/No Credit.

2. **Mode of Instruction.**

	Units	Hours per Unit	Benchmark Enrollment
Lecture			
Seminar			
Laboratory			
Activity	1-3	2	10

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]*

   The Independent Research course allows the student to undertake advanced research under the guidance of a faculty mentor. While the specific objectives and expectations are determined by the student and faculty mentor, Independent Research should in all cases foster the student's self-motivation, organizational skills, and significantly deepen the student's grasp of the topic of study in environmental science and/or resource management. The highly applied and interdisciplinary nature of the ESRM program makes Independent Research opportunities particularly attractive to students seeking to sharpen their technical and research skills for future employment or graduate study.

   Students who successfully complete the Independent Research course shall have:
   - Carried out a plan of original research on a topic related to environmental science and/or resource management.
   - Complied with the objectives and expectations determined by the student and faculty mentor.
   - Demonstrated an ability to identify, analyze and report on specified problems in environmental science and/or resource management.

4. **Is this a General Education Course** **NO**

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

   Content will vary by student.

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

   Appropriate reference and research materials shall be identified by the student and faculty mentor.

7. List Faculty Qualified to Teach This Course.

The highly interdisciplinary nature of the ESRM program makes it feasible for several CSUCI faculty members to mentor students whose specific topics of study touch their own disciplines and are relevant to environmental science and/or resource management. These currently include:

Prof. Bill Adams
Prof. Renny Christopher
Prof. Philip Hampton
Prof. Jacquelyn Kilpatrick
Prof. Dennis Muraoka
Prof. Paul Rivera
Prof. Ching-Hua Wang
Prof. Mark Zacharias

8. Frequency.

a. Projected semesters to be offered: Fall __x___ Spring __x___ Summer __x___

9. New Resources Required.

None.

10. Consultation.

Attach consultation sheet from all program areas, Library, and others (if necessary)

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

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Proposer of Course Date