ECON 480. TOPICS IN ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS
Three hours lecture per week.
Prerequisite: ECON 362 or 464 or consent of the instructor
Application of economic analysis to topics in environmental and natural resource economics. Representative topics include: energy problems and policies, the measurement of market and non-market benefits and costs, endangered species management. Repeatable by topic.

2. Mode of Instruction.

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<th>Units</th>
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<td>Lecture</td>
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<td>Seminar</td>
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<td>Laboratory</td>
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<td>Activity</td>
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<th>Hours per Unit</th>
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<th>Benchmark Enrollment</th>
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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 provides an in depth analysis of environmental and natural resource issues. This is an upper division elective toward the Environmental Science and Resource Management major and the Economics minor.

Students who successfully complete this course will be able to:
- Identify problems in environmental and natural resource economics.
- Apply the tools of economic analysis to environmental and natural resource issues and present their analysis in mathematical (graphical), written and oral forms.
Sample course outline: Topic: Offshore Oil and Natural Gas Leasing in the Santa Barbara Channel

The Historical and Legal Framework for Offshore Oil and Natural Gas Leasing
- The history of offshore oil and gas leasing
- Laws governing offshore oil and gas leasing

The Economic Meaning of Conservation
- Economic efficiency
- Application to offshore oil and gas leasing

The Effectiveness of Federal and State Leasing Policies

Environmental Issues
- Revenue sharing issues

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

Reference for Sample Course Outline

7. List Faculty Qualified to Teach This Course.

Professor Dennis Muraoka
Professor Paul Rivera

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

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.

Proposer of Course ___________________________ Date ________________

NEWCRSFR 9/30/02