

NEW COURSE PROPOSAL

PROGRAM: BUSINESS AND ECONOMICS

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.]*

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.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	<u>3</u>	<u>1</u>	<u>25</u>
Seminar			
Laboratory			
Activity			

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.

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]*

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

Mead, et al., *Offshore Lands, Oil and Gas Leasing and Conservation on the Outer Continental Shelf*, Pacific Institute for Public Policy Research, 1985 (classic reference).

McDonald, *Leasing Federal Lands for Fossil Fuel Production*, Resources for the Future, 1979 (classic reference).

Muraoka, "Oil and Natural Gas Leasing" in *Encyclopedia of Energy*, forthcoming.

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