MEMORANDUM

TO: Bruce Gardiner
Interim Dean, College of Agriculture and Natural Resources

FROM: Victor Korenman
Associate Provost for Academic Planning and Programs

SUBJECT: Proposal to Add a Minor in Environmental Economics and Policy (PCC Log No. 04003)

At its meeting on September 10, 2004, the Senate Committee on Programs, Curricula, and Courses approved your proposal to add a minor in Environmental Economics and Policy. A copy of the approved proposal is enclosed. A copy of the minor curriculum will be posted online at http://www.provost.umd.edu/minors

This approval is effective immediately. All advisors should be notified and the College should ensure that the approved guidelines are followed.

VK.sfm
Enclosure

Cc: Dr. Sylvester J. Gates, Chair, Senate PCC
    Dr. Mary Giles, University Senate
    Ms. Barbara Hope, Data Administration
    Dr. Phyllis Peres, Undergraduate Studies
    Ms. Anne Turkos, Archives
    Dr. Leon Slaughter, College of Agriculture and Natural Resources
    Dr. Linda Yokoi, Records & Registrations
DATE SUBMITTED: April 6, 2004

PCC LOG NO. 04003

COLLEGE/SCHOOL: AGNR

DEPARTMENT/PROGRAM: AREC

PROPOSED ACTION (A separate form for each) ADD x___ DELETE______ CHANGE______

DESCRIPTION (Provide a succinct account of the proposed action. Details should be provided in an attachment. Provide old and new sample programs for curriculum changes.)

Add minor in Environmental Economics and Policy:

JUSTIFICATION/REASONS/RESOURCES (Briefly explain the reason for the proposed action. Identify the source of new resources that may be required. Details should be provided in an attachment.)

Provides interested students with a coherent field of study in economic analysis of environmental and resource policies.

No new resources are required.

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<th>APPROVAL SIGNATURES</th>
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<tr>
<td>1. Department Committee Chair</td>
<td>4/6/04</td>
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<td>2. Department Chair</td>
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<td>3. College/School PCC Chair</td>
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<td>4. Dean</td>
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<td>5. Dean of the Graduate School (if required)</td>
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<td>6. Chair, Senate PCC</td>
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<td>7. Chair of Senate</td>
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<td>8. Vice President for Academic Affairs &amp; Provost</td>
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Primary sponsoring unit: AREC

Faculty coordinator of the minor: AREC undergraduate coordinator (currently Prof. Howard Leathers)

Advising system for the minor: Students will be advised by faculty advisors who serve as members of the AREC Undergraduate committee and who also advise AREC undergrads.

Title for the transcript: Environmental Economics and Policy.

Description of the minor:

AREC 240 Introduction to Economics and the Environment
Prerequisites: none
Credits: 3

AREC 332 Introduction to Natural Resource Policy
Prerequisites: AREC 240
Credits: 3

AREC 382 Computer-based Analysis in Agricultural and Resource Economics
Prerequisites: AREC 240 and MATH 111, STAT 100, or equivalent
Credits: 3

AREC 445 Agricultural Development, Population Growth, and the Environment
Prerequisites: ECON 306, which has prerequisites: ECON 200, 201, MATH 220
Credits: 3

AREC 455 Economics of Land Use.
Prerequisites: ECON 306, which has prerequisites: ECON 200, 201, MATH 220
Credits: 3

Total credits: 15

Another AREC course can be substituted for one of the courses listed with permission of the AREC Undergraduate Coordinator.

Justification:

This minor provides students with economic knowledge to apply to analysis and understanding of environmental and resource policies. AREC 382 and the 400 level courses are a truncated version of the upper-level course requirements of the AREC major. These courses focus particularly on economic analysis relevant to environmental policy analysis. AREC 332 is a course intended primarily for non-AREC majors. AREC 240 is an introductory course giving students an overview of the subject. AREC 382 and AREC 455 are required courses in the ENSP environmental economics concentration; AREC 445 is on a list of restricted electives in that concentration. AREC 240 and AREC 332 can be used to meet ENSP core requirements for all ENSP concentrations.
Resource Availability. During recent years, AREC 445 filled to capacity once. AREC 382 is a computer based class; it filled for the first time during spring 2004, but the addition of computers to the classroom will or rescheduling the class in other classrooms will allow us to increase class size by 20-25% in the future. In recent years, all of the other courses have not filled to capacity. Therefore, resource availability is not an issue.

Target population: Any student who has taken ECON 306 (intermediate microeconomics) and a statistics course can complete this minor. ECON 306 is required of all ECON majors, and ENSP students in the environmental economics concentration, and is taken to fulfill a requirement by many BMGT majors. A statistics course is required of all ECON majors, ENSP majors, and BMGT majors.