MEMORANDUM

TO:                   Cheng-i Wei  
       Dean, College of Agriculture and Natural Resources

FROM:                Phyllis Peres  
       Associate Provost for Academic Planning and Programs

SUBJECT: Proposal to modify the curriculum of the B.S. in Environmental Science and Policy (PCC log no. 07078)

Your proposal to modify the core curriculum of the B.S. in Environmental Science and Policy has been administratively approved. A copy of the approved proposal is attached.

The changes are effective Fall, 2008. The College should ensure that the changes are fully described in the Undergraduate Catalog and in all relevant descriptive materials, and that all advisors are informed.

CWR/

Enclosure

cc:                  Carmen Balthrop, Chair, Senate PCC Committee  
                     Sarah Bauder, Office of Student Financial Aid  
                     Reka Montfort, University Senate  
                     Barbara Hope, Data Administration  
                     Denise Nadasen, Institutional Research & Planning  
                     Anne Turkos, Archives  
                     Linda Yokoi, Office of the Registrar  
                     Scott Wolpert, Undergraduate Studies  
                     Leon Slaughter, College of Agriculture and Natural Resources  
                     Bruce James, Environmental Science and Policy
THE UNIVERSITY OF MARYLAND, COLLEGE PARK
PROGRAM/CURRICULUM PROPOSAL

DIRECTIONS:
- Provide one form with original approval signatures in lines 1 - 4 for each proposed action. Keep this form to one page in length.
- Early consultation with the Office of the Associate Provost for Academic Planning & Programs is strongly recommended if there are questions or concerns, particularly with new programs.
- Please submit the signed form to Claudia Rector, Office of the Associate Provost for Academic Planning and Programs, 1119 Main Administration Building, Campus.
- Please email the rest of the proposal as an MSWord attachment to pcc-submissions@umd.edu.

DATE SUBMITTED __1/14/08__

COLLEGE/SCHOOL __AGNR_____

DEPARTMENT/PROGRAM ___ENSP_____

PROPOSED ACTION (A separate form for each) ADD ____ DELETE ____ CHANGE __X__

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.)

In the ENSP Core:
- Add GEOG 130 Developing Countries to the “Geography” category. Rationale: GEOG 130 has proven to be a feeder course for students interested in the international dimensions of environmental science and policy. In addition, it is included in the Land Use curriculum as a lower level elective for students interested in the international dimensions of land use change.
- Add ENSP 330 Environmental Law to the “Government and Politics” category. Rationale: The course would provide an additional course option and provide an important insight into law 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.)
- No additional resources will be needed.

APPROVAL SIGNATURES - Please print name, sign, and date

1. Department Committee Chair __Bruce R. James__
   Signature __Bruce R. James__ Date __1/15/08__

2. Department Chair __Bruce R. James__
   Signature __Bruce R. James__ Date __1/15/08__

3. College/School PCC Chair __MARK HARRISON__
   Signature __MARK HARRISON__ Date __1/16/08__

4. Dean ____
   Signature __Stephen Wilson__ Date __3/10/08__

5. Dean of the Graduate School (if required) __________
   Signature __________ Date __5/9/08__

6. Chair, Senate PCC __________

7. Chair of Senate __________

8. Vice President for Academic Affairs & Provost __Raymer E. Reaves__ Date __5/14/08__

VFAAP 843
**Current – ENSP Major Core (AGNR)**

**UM Core:**
- ENGL 101 ___________, (HL) ___________, (HA) ___________, (HL/HA/HO/IE) ___________, (SH) ___________, Diversity ___________,
- Adv. Writing ___________, Adv. Studies ___________, (SB) ___________, (SB/IE) ___________,

**Grading Policy:** Environmental Science and Policy students must earn C grades or higher in all ENSP core courses and in all required courses and restricted electives of the selected area of concentration.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Offered</th>
<th>Prerequisites</th>
<th>Grade</th>
<th>Completed</th>
<th>Notes</th>
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<td><strong>All three:</strong></td>
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<td>ENSP 101 (PS)</td>
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<td>ENSP 102</td>
<td>Intro. to Environmental Policy</td>
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<tr>
<td>ENSP 400 (AS)</td>
<td>Capstone in Env. Sci &amp; Policy</td>
<td>3</td>
<td>F, Sp</td>
<td>Senior year; ENSP 101 and 102</td>
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<td><strong>Calculus:</strong></td>
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<td>MATH 140 (MS) or</td>
<td>Calculus I (recommended)</td>
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<td>Sp, F, Su</td>
<td>dept. perm. or MATH 115 w/C or better</td>
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<td>BIOM 301</td>
<td>Introduction to Biometrics</td>
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<td>Sp, F</td>
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<tr>
<td>ECON 321</td>
<td>Economic Statistics</td>
<td>3</td>
<td>Sp, F</td>
<td>ECON 200, 201, MATH 220</td>
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<td>GEOG 306</td>
<td>Introduction to Quant. Methods</td>
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<td>PSYC 200</td>
<td>Statistical Methods in Psychology</td>
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<td>PSYC 100, MATH 111 or 140 or 220</td>
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<td>SOCY 201</td>
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<td>Sp, F, Su</td>
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<td>STAT 400</td>
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<td>Sp, F</td>
<td>MATH 141</td>
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<td><strong>And: One (1) course each from 5 of the next 6 groups → BSCI 106, GEOG 201/211 and AREC 240 recommended:</strong></td>
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**Biology:**
- BSCI 106 (LL) Principles of Biology II 4 Sp, F, Su placement in MATH 110 or higher

**Chemistry:**
- CHEM 131/132 (PL) General Chemistry I 3/1 Sp, F, Su placement in MATH 113 or higher

**Earth Sciences:**
- ENST 200 (LL) Fundamentals of Soil Science 4 Sp CHEM 131/132 or dept. perm. __ __ __
- GEOL 100/110 (PL) Physical Geology/Lab 3/1 Sp, F, Su - __ __ __
- GEOL 120/110 (PS) Environmental Geology/Lab 3/1 Sp, F, Su - __ __ __
- GEOG 201/211 (PL) Geography of Env. Systems/Lab. 3/1 Sp, F - __ __ __
- AOSC 200/201 (PL) Weather and Climate/Lab 3/1 Sp, F MATH 110 or 115. __ __ __

**Economics:**
- AREC 240 (SB) Intro. to Economics and the Envir 4 Sp, F MATH 220 or higher recommended __ __ __
- ECON 200 (SB) Principles of Micro-Economics 4 Sp, F, Su MATH 110 or higher __ __ __

**Geography:**
- GEOG 100 (SB) Intro to Geography 3 F, Su - __ __ __
- GEOG 123 (PS) Causes and Impl of Global Chng 3 Sp - __ __ __
- GEOG 140 (PS) Coastal Environments 3 F - __ __ __
- GEOG 202 (SB) World in Cultural Perspective 3 Sp - __ __ __

**Govt & Politics:**
- AREC 332 Intro. to Natural Resource Policy 3 Sp AREC 240 or ECON 200 __ __ __
- GVPT 273 Intro. to Environmental Politics 3 Sp, F GVPT 170 or ENSP 102 (recommended) __ __ __
Proposed – ENSP Major Core (AGNR)

UM Core: ENGL 101___________, (HL)_____________, (HA) _____________, (HL/HA/HO/IE) ______________, (SH) ______________, Diversity _____________

Grading Policy: Environmental Science and Policy students must earn C grades or higher in all ENSP core courses and in all required courses and restricted electives of the selected area of concentration.

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<td>CHEM 131/132 (PL)</td>
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<td>Causes and Impl of Global Chng</td>
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<td>GEOG 130 (SB/D)</td>
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<td>Sp</td>
<td>AREC 240 or ECON 200</td>
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<td>ENSP 330</td>
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<td>Permission of dept; Junior standing.</td>
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<td>GVPT 273</td>
<td>Intro. to Environmental Politics</td>
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<td>GVPT 170 or ENSP 102 (recommended)</td>
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</table>

And: One (1) course each from 5 of the next 6 groups → BSCI 106, GEOG 201/211 and AREC 240 recommended:
Subject: FW: ENSP Core - letters of support
From: "Robert Infantino" <infantino@umd.edu>
Date: Thu, 24 Apr 2008 09:01:15 -0400
To: <lslaugh@umd.edu>, "Wendy Whitemore" <wwhitte@umd.edu>
CC: "Reid Compton" <compton@umd.edu>, "Penny Koines" <pkoines@umd.edu>

Leon,

The College of Chemical and Life Sciences supports the proposed curriculum changes to the ENSP CORE outlined in the proposal.

Thanks.
Bob Infantino

Robert L. Infantino, Ph.D.
Associate Dean - College of Chemical and Life Sciences
2300E Symons Hall
University of Maryland College Park, MD 20742-5511
Phone: (301) 405-2908 FAX: (301) 314-9949
email: infantino@umd.edu
www.chemlife.umd.edu/biology/faculty/infantino/

-----Original Message-----
From: Wendy Whitemore [mailto:wwhitte@umd.edu]
Sent: Thursday, April 24, 2008 8:49 AM
To: David Lay; Robert Infantino; Katherine Pedro Beardsley
Cc:wwhitte@umd.edu; Leon Slaughter; Bruce R. James
Subject: ENSP Core - letters of support

Hi all,

As you remember from our last Program Steering Committee (PSC) meeting in August 2007, we approved minor changes to the ENSP Core. Attached, you'll find a PDF summarizing the changes. Though they're minor, we've been asked by to verify that all four Colleges approve of them.

Could you e-mail your message to Leon Slaughter (lslaugh@umd.edu)? he'll then return them to the VPAC.

Thanks so much,

Wendy

--
Dr. Wendy L. Whittemore, Associate Director
Environmental Science & Policy Program
0220 SYMONS HALL
University of Maryland
College Park, MD 20742
Ph: 301.405.8571
Web: www.ensp.umd.edu

Wendy Whittemore <wwhitte@umd.edu>
Associate Director
Environmental Science & Policy Program

Content-Type: application/pdf
Content-Encoding: base64

1 of 1 4/28/2008 11:09 AM
Subject: ENSP Core changes
From: David Lay <lay@umd.edu>
Date: Tue, 29 Apr 2008 17:07:39 -0400
To: lslaugh@umd.edu

Dear Leon,

I have examined the proposed changes to the ENSP Core and I fully approve of the changes. There are no direct effects on our course offerings. I appreciate your efforts to strengthen the program.

Best wishes,
David Lay

Professor David C. Lay, Associate Dean
College of Computer, Mathematical and Physical Sciences
3400 A.V. Williams Bldg., College Park, MD 20742-3281
TEL: 301.405.2327 FAX: 301.405.9377
lay@umd.edu
www.cmps.umd.edu