

# UNIVERSITY FACULTY SENATE FORMS

## Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. For more information, call the Faculty Senate Office at 831-2921.

Submitted by: John Byrne phone number 8405

Department: Center for Energy and Environmental Policy email address jbbyrne@udel.edu

Date: April 26, 2010

Action: Center for Energy and Environmental Policy move to College of Engineering  
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

Effective term 10F  
(use format 04F, 05W)

Current degree PhD-ENEP, MEEP (Master of Energy and Environmental Policy), and BS degree in ENEP  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed change leads to the degree of: No change in degree programs offered  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed name: no change to program names  
Proposed new name for revised or new major / minor / concentration / academic unit (if applicable)

### Revising or Deleting:

Undergraduate major / Concentration: \_\_\_\_\_  
(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor: \_\_\_\_\_  
(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change: \_\_\_\_\_  
(Must attach your Graduate Program Policy Statement)

Graduate Program of Study: \_\_\_\_\_  
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration: \_\_\_\_\_

**Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.**

**List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?**

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter "None")

None



**Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education:** <http://www.ugs.udel.edu/gened/>

No change

**Identify other units affected by the proposed changes:**

None

**Describe the rationale for the proposed program change(s):**

(Explain your reasons for creating, revising, or deleting the curriculum or program.)

The Center for Energy and Environmental Policy addresses policy, energy, environmental and economic issues related to technological processes and systems that are most aligned with the College of Engineering.

**Program Requirements:**

(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and include a side-by-side comparison of the credit distribution before and after the proposed change.)

Graduate programs: No changes are planned for the ENEP PhD program or for the MEEP - Master of Energy and Environmental Policy program. These programs are currently in the College of Education and Public Policy and are administered by the Center for Energy and Environmental Policy. Academic policy is set by the Program Faculty in accord with the document "Academic Organization and Governance of the Interdisciplinary Program in Energy and Environmental Policy." If CEEP moves to the College of Engineering, the only change would be that the programs would now reside in that college. The management and requirements of the programs would not change. For details of the program, see the "Graduate Program Policy Statement for the Interdisciplinary Program in Energy and Environmental Policy." This document is attached.

Undergraduate programs: The Bachelor of Science in Energy and Environmental Policy (BS-ENEP) was approved last year as a "Cross-Disciplinary, Intercollegiate Undergraduate Major." It does not require any changes in order for it to move from the College of Education and Public Policy to the College of Engineering. One change that will be considered in the upcoming year is to have all freshmen in the program take EGGG 101 Introduction to Engineering. The College of Engineering breadth requirements (page 186 of the undergraduate and graduate catalog – and included below) will be adopted for consistency with other majors in the college. The engineering breadth requirements call for 18 credits in Arts/Humanities/Social Sciences. Within that, the specification is somewhat different from the A, B, C categories used in the current BS-ENEP degree. Since the BS-ENEP includes more credits in these breadth areas (21 credits plus a few required courses that also satisfy the engineering breadth requirements), it should be straight forward for BS-ENE majors to satisfy the engineering breadth requirements. Once the program is moved to engineering, the curriculum will be adjusted to more clearly follow the engineering breadth requirements. These adjustments will be incorporated into a revised curriculum and submitted to the College of Engineering curriculum committee. Once approved, the changes will be submitted to the appropriate committees of the Faculty Senate during next academic year.

The "Cross-Disciplinary, Intercollegiate Undergraduate Major in Energy & Environmental Policy" policy statement that was approved by the faculty senate last year is attached.



### College of Engineering Breadth Requirements

The College of Engineering requires that 18 credits be chosen from the humanities and social sciences subject to the constraints listed below and the approval of the student's advisor. The courses selected must provide both breadth and depth and not be limited to a selection of unrelated introductory courses. The University's multicultural course requirement may be included in this set of courses. Detailed guidelines, which include a list of courses that may be used to satisfy the program's requirements, may be obtained from the Assistant Dean for Undergraduate Affairs and from the College of Engineering undergraduate programs website:

[http://www.engr.udel.edu/advise/undergrad\\_programs.html](http://www.engr.udel.edu/advise/undergrad_programs.html).

1. At least six credits must be in the humanities. Humanities include courses in areas such as Art History, English Literature, Foreign Languages other than the student's native language, History, and Philosophy.
2. At least six credits must be in the social sciences. The social sciences include courses in areas such as Economics, Political Science, Psychology, and Sociology.
3. At least six credits must be above the introductory level. These courses must build upon the content of a previous course, as approved by the faculty advisor. Courses which fulfill this requirement are normally at the 300-level or above.
4. At least six credits must be thematically related. Courses which fulfill this requirement are typically in the same department or program.

Courses in mathematics, science, or engineering may not be used to satisfy any breadth requirement. Students must consult their faculty advisors and the guidelines published by the College of Engineering for the proper classification of breadth requirement courses.

**ROUTING AND AUTHORIZATION:**

(Please do not remove supporting documentation.)

Department Chairperson John Byn Date April 26, 2010

Dean of College Suzanne Austin Date 4/28/10

Chairperson, College Curriculum Committee N/A Date \_\_\_\_\_

Chairperson, Senate Com. on UG or GR Studies R. W. Zy Date 27 April 2010

Chairperson, Senate Coordinating Com. \_\_\_\_\_ Date \_\_\_\_\_

Secretary, Faculty Senate \_\_\_\_\_ Date \_\_\_\_\_

Date of Senate Resolution April 26, 2010 Date to be Effective July 1, 2010

Registrar \_\_\_\_\_ Program Code \_\_\_\_\_ Date \_\_\_\_\_

Vice Provost for Academic Affairs & International Programs \_\_\_\_\_ Date \_\_\_\_\_

Provost \_\_\_\_\_ Date \_\_\_\_\_

Board of Trustee Notification \_\_\_\_\_ Date \_\_\_\_\_