

# 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:** Chuck Shermeyer phone number 831-8659

**Department:** College of Engineering email address fcsherm@udel.edu

**Date:** 12/07/09

**Action:** Revision of College of Engineering Breadth Requirement Statement in UD Catalog

(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** \_\_\_\_\_  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed change leads to the degree of:** \_\_\_\_\_  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed name:** \_\_\_\_\_  
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")

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

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

(Attach permission from the affected units. If no other unit is affected, enter "None")

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

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


Changes are in response to the revised University Breadth Requirements commencing with the 2010 Fall Semester.

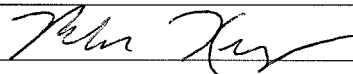
**Program Requirements:**

(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.)

**ROUTING AND AUTHORIZATION:** (Please do not remove supporting documentation )

Department Chairperson N/A Date \_\_\_\_\_

Dean of College  Date 12/19/09

Chairperson, College Curriculum Committee  Date 12/19/09

Chairperson, Senate Com. on UG or GR Studies \_\_\_\_\_ Date \_\_\_\_\_

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

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

Date of Senate Resolution \_\_\_\_\_ Date to be Effective \_\_\_\_\_

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

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

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

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

## **College of Engineering → College Breadth Requirements**

**Reference Page:** [http://academiccatalog.udel.edu/Pub\\_ShowCatalogPage.aspx?CATID=1241](http://academiccatalog.udel.edu/Pub_ShowCatalogPage.aspx?CATID=1241)

**Action:** Replace existing text with this text describing new College of Engineering Breadth Requirements.

The College of Engineering requires 21 credits distributed as follows:

- Completion of 3 credits in each of the following University Breadth Requirement categories, with no more than one course taken from any single rubric (i.e., the four-letter subject code):
  - Creative Arts and Humanities
  - History and Cultural Change
  - Social and Behavioral Sciences
  - Mathematics, Natural Sciences, and Technology (normally satisfied by one of the following courses that Engineering students take: CHEM 103, CHEM 104, CHEM 111, CHEM 112, CISC 106, MATH 241, MATH 242, MATH 243, MEEG 112, PHYS 207, PHYS 208)
- 9 additional credits must be taken in any combination from the following two lists:
  - University Breadth Requirement course list restricted to the Creative Arts and Humanities, History and Cultural Change, and Social and Behavioral Sciences categories
  - College of Engineering Breadth Requirement course list
- Of the 21 credits, 3 must satisfy the University Multicultural Requirement
- Of the 21 credits, 6 must be at the upper level (usually a 300-level or above course) restricted to courses in the Creative Arts and Humanities, History and Cultural Change, and/or Social and Behavioral Sciences categories from the University Breadth Requirement course list and/or courses designated as upper level in the College of Engineering Breadth Requirement course list.
- All courses must be passed with a minimum grade of C-.

Students should choose courses in consultation with their advisors. 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 Advisement, department offices, and the College of Engineering website:

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

The University reserves the right to change its policies, rules, regulations, requirements for graduation, course offerings, and any other contents of this catalog at any time.