

# 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:** \_\_Melinda K. Duncan\_\_\_\_\_phone number\_\_831-0533\_\_\_\_\_

**Department:** \_\_Biological Sciences\_\_\_\_\_email address\_\_Duncanm@udel.edu\_\_\_\_\_

**Date:** \_\_\_\_\_January 8, 2014

**Action:** \_\_\_\_Revise Certificate in Biotechnology\_\_\_\_\_

(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** \_\_\_\_14F\_\_\_\_\_

(use format 04F, 05W)

**Current degree** \_\_\_\_Certificate in Biotechnology\_\_\_\_\_

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

**Proposed change leads to the degree of:** \_\_Certificate in Biotechnology\_\_\_\_\_

(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:** \_\_\_\_Certificate in Biotechnology\_\_\_\_\_

(**Must attach** your Graduate Program Policy Statement)

**Graduate Program of Study:** \_\_\_\_Certificate in Biotechnology\_\_\_\_\_

(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/>

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

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

- Animal and Food Sciences
- Biomedical Engineering
- Marine Studies
- Bioinformatics
- Electrical and Computer Engineering
- Chemistry and Biochemistry
- Chemical Engineering

Minor changes to course electives- no changes that are anticipated to significantly affect another unit since these are all elective offerings

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

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

Mostly editorial changes intended to clarify existing policies. Further, since the approval of this concentration, there have been new courses appropriate for the certificate initiated, others discontinued and still others whose course numbers have changed. None of the changes proposed are substantive and none will affect the total credits or other major degree requirements.

Update to reflect the changes in graduate course offerings at the University since the last curricular update

Numerous rewordings to improve clarity and to align the written document with practice within the department

**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 \_\_\_\_\_ Date \_\_\_\_\_

Dean of College \_\_\_\_\_ Date \_\_\_\_\_

Chairperson, College Curriculum Committee \_\_\_\_\_ Date \_\_\_\_\_

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 \_\_\_\_\_

Revised 02/09/2009 /khs