# 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. Duncanphone number831-0533
Department:Biological Sciencesemail addressDuncanm@udel.edu
<b>Date:</b> January 8, 2014
Action:Revise PSM 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 term14F(use format 04F, 05W)
Current degreePSM in Biotechnology (Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)
Proposed change leads to the degree of: PSM 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:
Graduate Program Policy statement change: PSM in Biotechnology (Must attach your Graduate Program Policy Statement)
Graduate Program of Study: PSM 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")

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
Business Administration
Accounting
Urban Affairs and Public Policy

All are 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 degree, 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

Update to reflect changes in graduate course offerings/course numbers/course names at UD

Minor rewording of "plus" requirements to "business/management" requirements for clarity.

Combination of the two "tracks" within the business/management requirements into one as program students have had no interest

Minor revision to description of the written reports that fulfill the internship requirements to better reflect current practice

Other minor rewordings for clarity

#### **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 G	R Studies	Date	
Chairperson, Senate Coordinating Con	1	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 Revised 02/09/2009 /khs		Date	