

DOCTOR OF PHILOSOPHY IN BIOMEDICAL ENGINEERING

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: Dawn M. Elliott phone number 302-831-1295

Department: Biomedical Engineering email address delliott@udel.edu

Action: Add doctorate program in Biomedical 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 12F

(use format 04F, 05W)

Current degree n/a

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

Proposed change leads to the degree of: PhD

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

Proposed name: PhD in Biomedical Engineering

Proposed new name for revised or new major / minor / concentration / academic unit (if applicable)

Revising or Deleting:

Undergraduate major / Concentration: n/a

(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor: n/a

(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change: n/a

(Must attach your Graduate Program Policy Statement)

Graduate Program of Study: n/a

(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration: n/a

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")

BMEG 605 Principles of Biomedical Engineering I: Molecular and Cellular Systems
BMEG 606 Principles of Biomedical Engineering II: Tissue and Organ Systems
BMEG 801 Communication and Ethics in Biomedical Engineering

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

n/a

Identify other units affected by the proposed changes:

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

See support letters from affected units (departments and colleges). The affected colleges include:
College of Engineering (courses and program faculty)
College of Arts and Sciences (courses and program faculty)
College of Health and Sciences (general support only)
College of Agriculture & Natural Resources (STAT classes only)

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

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

See section I of Program Policy Statement "Rationale".

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 [Signature] Date 11/22/2011
 Dean of College [Signature] Date 11/22/2011
 Chairperson, College Curriculum Committee [Signature] Date 11/22/11
 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 _____