

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: Yuk-J Leung phone number X-1881

Department: Mathematical Sciences email-address: yleung@math.udel.edu

Action: Add Honors Bachelor of Science: Quantitative Biology

(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: 10S
(use format 04F, 05W)

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

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

Proposed name: NA
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/>

Identify other units affected by the proposed changes:

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

Supporting letter from the Biology Department is attached.

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

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

This Honors degree allows talent students to pursue their academic interests in greater depth.

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.)

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Quantitative Biology.
2. All of the University's generic requirements for the Honors Baccalaureate degree (see p.52 of the current University Undergraduate and Graduate Catalog).

Of the minimal 12 Honors credits required in the major department or in courses in collateral disciplines specifically required for the major, at least three credits have to be taken from the Department of Biological Sciences and at least three from the Department of Mathematical Sciences.

All Mathematics and Biology courses below the 600-level in which the student takes an Honors component may be counted toward the minimum 12 hours of Honors credits in the major required for the Honors degree. All Mathematics and Biology courses at the 600-level or higher may be counted toward the same 12 Honors course requirement.

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 _____

Howie, Cheryl

From: Randall Duncan [rduncan@UDel.Edu]
Sent: Tuesday, September 22, 2009 5:27 PM
To: 'Y. J. Leung'
Subject: RE: Supporting note from Biological Sciences

Dear Dr. Leung,

I have read through the application for the Honors degree in Quantitative Biology and I fully support this application. This is already an outstanding program that has helped integrate both of our departments. By offering an Honors degree, this only strengthens the type of students that will be involve in the program. I look forward to working with these students in this degree program and I strongly recommend this degree be accepted.

Best regards,
Randy

Randall L. Duncan, Ph.D.
Professor and Chair
Department of Biological Sciences
University of Delaware
118 Wolf Hall
Tel. 302.831.4296

-----Original Message-----

From: Y. J. Leung [mailto:yleung@math.udel.edu]
Sent: Tuesday, September 22, 2009 12:46 PM
To: rduncan@UDel.Edu
Subject: Supporting note from Biological Sciences

Dear Professor Duncan:

I plan to submit a proposal to the College to add an Honors degree to the existing program in Quantitative Biology. The proposal is similar to many others in the College. Since the proposal mentions requiring courses in Biological Sciences, I am worried that it might be rejected if your department had not been consulted beforehand.

If the attached proposal looks agreeable to you, may I get a simple note of support from you. I think an e-mail reply would be sufficient. I'll enclose your note with the forms to the College Senate.

Thank you in advance.

Sincerely,

Y J Leung
Math Sci
Interim Undergraduate Chair