

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: Norbert Mulders _____ phone number_3517_____

Department: _Physics and Astronomy_____ email address_mulders@udel.edu

Action: __Add Astronomy Minor_____

(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 _____08F_____

(use format 04F, 05)

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: _____Astronomy_____

(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/>

Goal 6. Develop the intellectual curiosity, confidence, and engagement that will lead to lifelong learning. Many people are attracted to astronomy for reasons that we can only speculate about, but of which intellectual curiosity is certainly a large part.

Identify other units affected by the proposed changes:

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

The College of Engineering is happy to support your proposed Astronomy minor. This minor will definitely be of interest to some of our engineering students.

Michael Chajes
Interim Dean, College of Engineering

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

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

There is always a considerable interest in astronomy, although most people do not see astronomy as a career option. This minor gives them an opportunity to deepen their understanding of astronomy and astrophysics, while (typically) pursuing a regular engineering, math or physics degree.

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.)

MINOR IN ASTRONOMY

The requirement for a Minor in Astronomy are PHYS 207 and PHYS 208 or PHYS245, and at least 9 credits from among PHYS133 or PHYS 144 or PHYS 145 and PHYS 333, PHYS 469, PHYS 434, PHYS 632, PHYS 633, PHYS 634, PHYS 635 and PHYS 644.

Students considering a minor in physics should consult the Director of the Physics and Astronomy Undergraduate Programs for advice on prerequisites for these courses and for assignment to an adviser.

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 Programs & Planning _____ Date _____

Provost _____ Date _____

Board of Trustee Notification _____ Date _____

Revised 5/02/06 /khs