

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: George C. Hsiao phone number: 831-1882

Department: Mathematical Sciences email address: hsiao@math.udel.edu

Action: Revision of PhD in Applied Mathematics

(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 06F
(use format 04F, 05W)

MATH/PhD

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

Proposed change leads to the degree of: PhD/APMT

(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:

X _____
(Must attach your Graduate Program Policy Statement)

Graduate Program of Study: PhD/APMT

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

Graduate minor / concentration: _____

List program changes for curriculum revisions:

List new courses required for the new or revised curriculum:

(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

Other affected units:

(List other departments affected by this new or revised curriculum. Attach permission from the affected units. If no other unit is affected, enter "None")

None

Rationale:

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

- 1.) Remove the reading knowledge of one of the foreign languages for the Ph.D. degree requirement, since most of the present research references in Mathematics are now available in English. This elimination of the requirement will allow students to finish the degree sooner, and has currently also been adopted by many universities in the country.
- 2.) Process a change in 4 credit hour of graduate student seminar M667 to permanent number as the requirement for Ph.D. degree in order to provide the opportunity for graduate students to explore various research areas as part of their graduate training.

Summary of Program:

Ph.D. Degree Requirements (61 credits):

	APMT	MATH
Core requirements same as the MD degree	18 credit hours	18 credit hours
Additional Ph.D. requirements	12 credit hours	12 credit hours
Electives	18 credit hours	18 credit hours
Seminars-Colloquia	4 credit hours	4 credit hours
Doctoral dissertation	9 credit hours	9 credit hours

Note: boldface indicates change

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 present curriculum.)

See attached sheet

ROUTING AND AUTHORIZATION:

(Please do not remove supporting documentation.)

Department Chairperson Prof. Peter Monk, Interim Chair Date :03/04/06

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 11/03/04 /khs