FAU

CHARLES E. SCHMIDT
COLLEGE OF SCIENCE
Department of Mathematical Sciences
Florida Atlantic University

W.D. Kalies, Assoc. Prof.
777 Glades Road, SE 212
Boca Raton, FL 33431

Tel: (561) 297-1107
Fax: (561) 297-2436

E-mail: wkalies@fau.edu
www.math.fau.edu/kalies

February 7, 2008

University Graduate Council
Florida Atlantic University

Re: Ph.D. in Mathematics program change

Dear Committee:

The Department of Mathematical Sciences has voted to change the requirements for a Ph.D. in Mathematics to the following.

Requirements for Ph.D. in Mathematical Sciences

To be admitted to candidacy:

[1] The student must complete the following courses: Introductory Analysis 1-2, Introductory Abstract Algebra 1-2, Linear Algebra, and Multivariable Analysis (MAA 5228-9, MAS 5311-2, MAS 5145, MAA 5105 resp.).

[2] The student must have successfully completed a qualifying examination in analysis and algebra. This examination must be successfully completed within two years of admission to doctoral study. Neither part may be taken more than three times.

[3] The student must form a supervisory committee of at least four members including the research advisor and at least two other members of the Graduate Faculty of the Department of Mathematical Sciences.

Degree requirements:

[1] Minimum of 80 credits including 6000-level (or higher) courses starting with at least four of the prefixes MAA, MAD, MAP, MAS, MHF, MTG, and STA approved by the department graduate committee. In addition, two 6000-level courses of the same prefix must be taken in at least two of the seven prefixes.

[2] Successful completion of a two-part preliminary examination covering specific areas of concentration and set by the students supervisory committee.

[3] Presentation and oral defense of a dissertation.

[4] Completion of all University requirements including at least 18 credits at FAU beyond the master's level.

Sincerely,

William D. Kalies
Mathematics Graduate Coordinator

Spyros Magliveras
Mathematical Sciences Chair