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.

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