

# FLORIDA ATLANTIC UNIVERSITY™

## Graduate Programs—PROGRAM CHANGE REQUEST

UGPC APPROVAL \_\_\_\_\_  
 UFS APPROVAL \_\_\_\_\_  
 CATALOG \_\_\_\_\_

DEPARTMENT: MATHEMATICAL SCIENCES	COLLEGE: CHARLES E. SCHMIDT COLLEGE OF SCIENCE
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PROGRAM NAME: DOCTOR OF PHILOSOPHY IN MATHEMATICS	EFFECTIVE DATE (PROVIDE TERM/YEAR)  FALL/2015
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PLEASE EXPLAIN THE REQUESTED CHANGE(S) AND OFFER RATIONALE BELOW AND/OR ATTACHED:

**REQUESTED CHANGE:**  
 REPLACE THE DEGREE REQUIREMENT

**[2] COMPLETION OF THE QUALIFYING EXAMINATION IN ANALYSIS AND ALGEBRA. THIS EXAMINATION MUST BE SUCCESSFULLY COMPLETED WITHIN TWO YEARS OF ADMISSION TO DOCTORAL STUDY. NO PART MAY BE TAKEN MORE THAN THREE TIMES.**

FOR THE PH.D. IN MATHEMATICS WITH THE FOLLOWING REQUIREMENT:

**[2] SUCCESSFUL COMPLETION OF TWO QUALIFYING EXAMINATIONS, CHOSEN AMONG ALGEBRA, ANALYSIS, AND PROBABILITY AND STATISTICS. THE CHOICE OF AREAS SHOULD BE GUIDED BY THE STUDENT'S RESEARCH INTERESTS. QUALIFYING EXAMINATIONS CAN ONLY BE TAKEN WITHIN TWO YEARS OF ADMISSION TO DOCTORAL STUDY.**

**RATIONALE:**

- OTHER US UNIVERSITIES (SUCH AS GEORGIA STATE U., U. OF ARKANSAS, UC SAN DIEGO, U. OF MEMPHIS, USF) THAT OFFER A PH.D. IN MATHEMATICS WITH A CONCENTRATION IN STATISTICS DO NOT REQUIRE ALGEBRA AS A QUALIFYING EXAM.
- FOR STUDENTS WHO WANT TO SPECIALIZE IN PROBABILITY AND STATISTICS, THE PROPOSED CHANGE FREES UP TIME TO LEARN MORE REQUIRED KNOWLEDGE IN PROBABILITY AND STATISTICS FOR DISSERTATION RESEARCH.

Faculty contact, email and complete phone number:  R. Steinwandt, <a href="mailto:rsteinwa@fau.edu">rsteinwa@fau.edu</a> , 561-297-3353	Consult and list departments that might be affected by the change and attach comments.  N/A
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<b>Approved by:</b> Department Chair: <u>Lee Klingler</u> College Curriculum Chair: <u>Chuck York</u> College Dean: <u>Charles Portier</u> UGPC Chair: <u>Wm J McDaniel</u> Graduate College Dean: <u>Jeffrey L. Hoyle</u> UFS President: _____ Provost: _____	<b>Date:</b> <u>3/10/15</u> <u>8/18/15</u> <u>8/18/15</u> <u>9-9-2015</u> <u>9-9-2015</u> _____ _____
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Email this form and syllabus to [UGPC@fau.edu](mailto:UGPC@fau.edu) one week before the University Graduate Programs Committee meeting so that materials may be viewed on the UGPC website prior to the meeting.

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Handwritten date: *1776*

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