



Application for Written Candidacy Examination Requirement Doctoral Students in the Department of Mathematics

In the Mathematics Department, the written work in the basic first-year courses fulfills the Written Candidacy Examination requirement. The typical student passes the Written Candidacy Examination by completing at least 6 basic courses (3 credit hours each) with a grade of "B" or better (not "B-"). A student who places out of a course convinces the current course instructor that he/she has mastered the material on the syllabus by either a written or oral exam. Written exams require a grade of "B" or better (not "B-"). If placing out of the first course of a basic, two-semester course sequence (ex. Algebra I), a student will take the second semester (ex. Algebra II) with a grade of "B" or better (not "B-") in order to count both semesters toward the written exam. The written candidacy requirement must be completed in the first year. Exceptions can be granted by the graduate committee on a case-by-case basis.

Basic Courses:				
Basic Geometry & Topology: 60330 Basic Topology II: 60440 Basic Differential Geometry: 60670	Algebra I: 60210 Algebra II: 60220	Real Analysis I: 60350 Real Analysis II: 60360	Complex Analysis I: 60370 Complex Analysis II: 60380	Logic I: 60510 Logic II: 60520
Discrete Math: 60610	Optimization: 60620	Basic PDE: 60650	Probability: 60850	Lie Groups & Lie Algebras 70220

Basic Courses - Passed:				
Title	Course #	Semester/Year	Instructor	Grade

Student Name (Printed): _____	Semester + Year of Admission: _____	Total # of Completed Basic Courses: _____
Student Signature: _____	Date: _____	
Advisor Name (Printed): _____	Co-Advisor Name (Printed): _____	
Advisor Signature: _____	Co-Advisor Signature: _____	
Date: _____	Date: _____	