

Queens College

M.S. in Secondary Education

Mathematics

Powdermaker Hall 150

718-997-5150

SEYS ADVISORS: **Dr. Alice Artzt** 718-997-5169 alice.artzt@qc.cuny.edu
 Dr. Theresa Gurl 718-997-5063 theresa.gurl@qc.cuny.edu
 Dr. Mara Markinson 718-997-5155 mara.markinson@qc.cuny.edu
MATH ADVISOR: **Dr. Scott Wilson** 718-997-5800 scott.wilson@qc.cuny.edu

The program consists of 30 credits: 15 credits of 700-level education coursework and 15 credits of 500-700 level coursework in mathematics. A minimum GPA of 3.0 is required to enter and remain in the program. (To enter the program, candidates must have completed an undergraduate program in secondary mathematics education – or the equivalent. They must have their New York State Initial Certificate, Grades 7-12, Mathematics, and it is preferable that they should be teaching. They must also have completed the GRE exam.)

Note that students who majored in mathematics (or the equivalent) but did not take any courses in secondary education should apply for the Post-Bac Initial Certificate Program or the MAT program in which they will be required to take 21 credits of prerequisite study in education (SEYS 536, 552, 561, 571.2, 571.4, 581, 700) and 3 credits in special education.

Graduate Professional Studies (Education)

Course Number	Title	Credit	Date Taken
SEYS 701-708, 720 (Select One)	Educational Foundations (Social, Cultural, Historical, Philosophical)	3	
SEYS 709, 710, 717-719, 768 (Select One)	Educational Psychology	3	
SEYS 751**	Curriculum/Methods Course in Secondary Math Education (must take BEFORE SEYS 775)	3	
SEYS 775* Prereq. SEYS 751 minimum B	Research in Mathematics Education I	3	
SEYS 776** Prereq. SEYS 775	Research in Mathematics Education II (Seminar I Prerequisite to Seminar II)	3	

* Fall Course with approval ** Spring Course

Graduate Studies in Mathematics*** (Recommended Courses)

Course Number	Title	Credit	Date Taken
Math 524	History of Math	3	
Math 611 or Math 621	Probability and Statistics	3	
Math 518 or Math 618	Geometry	3	
Math 613, 617, 619	Algebraic Structures, Number Theory	3	
Math 503, 509, 626, 505, or 650 (Select One)	Math from an Algorithmic Standpoint, Logic and Set Theory, Mathematical Logic, Problem Solving	3	

*** Students' programs are adjusted according to their specific backgrounds and needs. Students may take ANY math courses at the 500-level or above that they have not taken before. An oral exam must be taken in two of the mathematics courses. The deadlines for scheduling oral exams are Nov. 1st, and April 1st for graduation in January and June respectively.

Updated 2/5/2021