



THE CITY COLLEGE

of

The City University of New York

138th Street & Convent Avenue

New York, New York 10031

School of Education

UNDERGRADUATE CERTIFICATION PROGRAM IN MATHEMATICS EDUCATION 7-12

Intended for students majoring in mathematics who wish to teach at the adolescent (7-12) level.

Prof. Despina Stylianou **Email:** dstylianou@ccny.cuny.edu **Office:** NAC 3/207B **Tel:** 212-650-5037 **Fax:** 212-650-697

NAME:

**Matriculation
Date:**

SS#:

Matriculation Conditions

Students must complete their BA/BS requirements in mathematics. These include courses in Humanities, Sciences, English, Artistic Expression, and Foreign Language, as well as a number of required and elective courses in mathematics. Please consult with your advisor in the mathematics department for current major and general education requirements.

To be admitted to the program leading to teacher certification in secondary mathematics students must complete a minimum of 12 credits in the mathematics major with a GPA of 3.0 or better, have an overall GPA of 2.7 or better, and pass the City College School of Education's S.E.A.T... An on-site interview and essay are also required for full admission to the program.

Completed: Interview _____ **DATE:** _____

Essay: _____ **DATE:** _____

All students must take the following Education courses - 25 credits:

COURSE #	Course Title	Credits	Term Taken	GRADE
EDUC 20500	Adolescent Learning and Development	3		
EDSE 32500	Issues for Secondary School Teachers: Special Education, Second Language Acquisition and Literacy	2	FA	
SPED 32000	Intro to Inclusive Education	3		
EDSE 41200	Reading and Writing Across the Curriculum	3	SP	
EDSE 44600	Methods for Teaching Secondary School Mathematics	4	FA	
EDSE 45104	Curriculum Development in Secondary School Mathematics	4	SP	
EDSE 46300	Teaching Practicum in the Secondary School	4		
EDSE 46301	Seminar in Teaching Secondary School (co-requisite of EDSE 46300)	2		
EDUC 41900	Child Abuse & Health Seminar (co-requisite of EDSE 46300)	0		

Students must submit scores from the New York State Teachers Exams.

Test	Date Taken	Total Score	Subarea 1	Subarea 2	Subarea 2	Subarea 4	Subarea 5
ALST							
EAS							
CST							

All candidates must demonstrate understanding the following areas: algebra, geometry, number theory, discrete mathematics, probability and statistics, calculus, mathematical logic and proof, problem solving, mathematical communication, connections and applications of mathematics, research based instructional and assessment strategies, the use of technology in the mathematics classroom, the ability to meet the needs of diverse learners, and the ability to teach problem solving, prior to graduation from the program. Candidates must present a compilation of their work through an electronic portfolio prior to being recommended for certification.