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:

<table>
<thead>
<tr>
<th>COURSE #</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Taken</th>
<th>GRADE</th>
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</thead>
<tbody>
<tr>
<td>EDUC 20500</td>
<td>Adolescent Learning and Development</td>
<td>3</td>
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<tr>
<td>EDSE 32500</td>
<td>Issues for Secondary School Teachers: Special Education, Second Language Acquisition and Literacy</td>
<td>2</td>
<td>FA</td>
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<tr>
<td>SPED 32000</td>
<td>Intro to Inclusive Education</td>
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<td>EDSE 41200</td>
<td>Reading and Writing Across the Curriculum</td>
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<td>SP</td>
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<td>EDSE 44600</td>
<td>Methods for Teaching Secondary School Mathematics</td>
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<td>FA</td>
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<tr>
<td>EDSE 45104</td>
<td>Curriculum Development in Secondary School Mathematics</td>
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<tr>
<td>EDSE 46300</td>
<td>Teaching Practicum in the Secondary School</td>
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<td>EDSE 46301</td>
<td>Seminar in Teaching Secondary School (co-requisite of EDSE 46300)</td>
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<td>EDUC 41900</td>
<td>Child Abuse &amp; Health Seminar (co-requisite of EDSE 46300)</td>
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Students must submit scores from the New York State Teachers Exams.

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<thead>
<tr>
<th>Test</th>
<th>Date Taken</th>
<th>Total Score</th>
<th>Subarea 1</th>
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<th>Subarea 4</th>
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</table>

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.