# BROOKLYN COLLEGE <br> OF <br> THE CITY UNIVERSITY OF NEW YORK <br> FACULTY COUNCIL <br> REVISED 

Meeting of 10/12/2010
The Committee on Graduate Curriculum and Degree Requirements herewith submits its recommendations in Curriculum Document 197.

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Note: Except for Section A-III (changes in degree programs) all curriculum proposals will now include both new and old course numbers, with the old number and discipline code in parentheses.

Respectfully submitted,

Jennifer Ball - Art
James Cox - Computer and Information Science
Namulundah Florence - Education, Chair
Renison Gonsalves - English
Frimette Kass-Shraibman- Accounting

Members of Faculty Council with any questions are urged to contact Namulundah Florence at NFlorence@brooklyn.cuny.edu or (718) 951-3893 prior to the meeting.

Material located with strike-through is to be deleted and material underlined is to be added.

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## SECTION A-III: CHANGES IN DEGREE REQUIREMENTS School of Education

## M.S. in Ed.: Middle Childhood Education Teacher, Mathematics Specialist (grades 5-9)

HEGIS code 0804.03, SED codes 26723
This program leads to the M.S. in Education, and both New York State Initial and Professional Certificates in Middle Childhood Education with a specialization in teaching mathematics (grades 5-9).

## Matriculation requirements

Applicants must submit scores on the Liberal Arts and Science Test (L.A.S.T).
Applicants must have a minimum undergraduate grade point average of 3.00. A minimum grade point average of 3.00 in graduate courses is required to maintain matriculation.

International applicants for whom English is a second language are required to pass the Test of English as a Foreign Language (TOFEL) with a minimum score of 650 on the paper-based test or 280 on the computer-based test or 114 on the internet-based test before being considered for admission.

Students should note additional requirements found at the beginning of this section as well as in the sections "Admission" and "Academic Regulations and Procedures."

## Degree requirements

Thirty to 41 credits are required for the degree depending on applicants' qualifications. Students will enroll in the appropriate course of studies listed below (Option A or B or C or D) based upon teaching experience, previous course work, and the teaching certificates they hold. Students must complete the following education courses in the stated sequence: Education 7452X (765.2X), 7453X (765.3X), 7454T (782.20T), 7455 T (702.26T). All required education courses and some education electives require permission for registration as indicated in the Schedule of Classes.

## Option (A): $\mathbf{3 0}$ credits

## Matriculation requirements

Applicants must hold a New York State Initial Certificate in Middle Childhood Education (grades 5-9) or its equivalent. Applicants must present 18 credits of mathematics, including two semesters of calculus.

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## Degree requirements

Thirty credits are required for the degree.
In addition to Education 7451X (725.03X), 7452X (765.2X), 7453X (765.3X), 7454T (782.20T), and 7455 T (702.26T) the following courses are also required:
(a) four of the following mathematics courses, or mathematics courses approved by the program adviser: Mathematics 7271T (606.01T), 7273T (606.1T), 7274T (606.2T), 7275T (606.3T), 7276T (606.4T), 7277T (606.5T);
(b) one of the following elective education courses, or an education course approved by the program adviser: Education 7671X (726.1X), 7672T (726.2T), 7207X (742.1X), 7019T (744T), 7472X (765.1X), 7503X (792.2), 7502T (742.2T), 7465T (784.3)

## Option (B): $\underline{32-33}$ credits

## Matriculation requirements

Applicants must hold a New York State Initial Certificate in Childhood Education (grades 1-6) or its equivalent or a New York State Initial Certificate in Adolescence Education (grades 7-12) or its equivalent. Applicants must present 18 credits of mathematics, including two semesters of calculus.

## Degree requirements

Thirty-two -Thirty-three credits are required for the degree. In addition to Education 7451X (725.03X), 7452X (765.2X), 7453X (765.3X), 7454T (782.20T), and 7455T (702.26T) the following courses are required:
(a) four of the following mathematics courses, or mathematics courses approved by the program adviser: Mathematics 7271 T (606.01T), 7273T (606.1T), 7274T (606.2T), 7275T (606.3T), 7276T (606.4T), 7277T (606.5T); (b) one of the following elective education courses, or an education course approved by the program adviser: Education 7671X (726.1X), 7672T (726.2T), 7207X (742.1X), 7019T (744T), 7472X (765.1X), 7503X (792.2), 7502T (742.2T), 7465T (784.3) (c) Student teaching in grades 7-8 for those with Initial Certification in Childhood Education (Education 7542T (764.5T), or grades 5-6 for those with Initial Certification in Adolescence Education (Education 7214T(764.2T).

## Option (D C): 41 credits

This program option leads to both New York State Initial and Professional Certificates in Middle Childhood Education with a specialization in teaching mathematics (grades 5-9).

## Matriculation requirements

Applicants must present 18 credits of mathematics, including two semesters of calculus.

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## Degree requirements

Forty-one credits are required for the degree. Students must complete Education 7500X (742X), 7501T (792.1X), 7542T (764.5T), 7451X (725.03X), and 7214T (764.2T) prior to taking other education courses required for the degree. Students must obtain departmental permission to register for these courses. In addition to Education 7452X (765.2X), 7453X (765.3X), 7454T (782.20T), and 7455T (702.26T) the following courses are required:
(a) four of the following mathematics courses, or mathematics
courses approved by the program adviser: Mathematics 7271T (606.01T), 7273T (606.1T), 7274T (606.2T), 7275T (606.3T), 7276T (606.4T), 7277T (606.5T);
(b) Education 7503X (792.2).

## Option (C D): 33 credits

This program option leads to both New York State Initial and Professional Certificates in Middle Childhood Education with a specialization in teaching mathematics (grades 5-9).

## Matriculation requirements

Applicants must hold a New York State Transitional B Certificate in Middle Childhood Education (grades 5-9) or its equivalent. Applicants must present 18 credits of mathematics, including two semesters of calculus.

## Degree requirements

Thirty-three credits are required for the degree. Students must complete Education 7500X (742X), 7501X (792.1X), and 7451X (725.03X) prior to taking other education courses required for the degree. Students must obtain departmental permission to register for these courses.
In addition to Education 7452X (765.2X), 7453X (765.3X), 7454T (782.20T), 7455T (702.26T) the following courses are required: four of the following mathematics courses, or mathematics courses approved by the program adviser: Mathematics 7271 T (606.01T), 7273T (606.1T), 7274T (606.2T), 7275T (606.3T), 7276T (606.4T), 7277T (606.5T)

Rationale: These changes address the requirements for those students pursuing an Alternative B Certificate and bring the program in line with current New York State (NYS) and the National Council of Teachers of Mathematics (NCTM) standards.

The requirements in this program were last revised by Faculty Council in November 2008 (Chancellor's University Report, January 2009, item AllI: 4.24), adding Option (D) to the existing Options (A) to (C). Option (D) had inadvertently omitted the requirement for Education 792.2X (the old number), which is restored above, together

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with the new four-digit course number, 7503X. In the revisions presented above, Options (C) and (D) are being switched for internal administrative purposes because a new SIMS code number (766) has been added to the SIMS taxonomy for candidates with Transitional B Certificates.

Date of approval by department: April 7, 2009
Effective date: Fall 2010

## SECTION A-IV: NEW COURSES Department of Psychology

7546G Child and Adolescent Mental Health Counseling 45 hours; 3 credits

Introduction to treatment of children and adolescents in mental health counseling.
Prerequisites: permission of chairperson; completion of Psychology 7442G (754.20G) and 7443G (754.30G).

Frequency of offering: once a year

Projected enrollment: 1 section of 25 students

Clearances: None

Rationale: This course will serve as an elective course for students in the Psychology master's program in Mental Health Counseling and provides an overview of therapeutic interventions for children and adolescents. These topics have been identified by faculty as being under-addressed in the current program curriculum and will be valuable to students wishing to pursue employment in clinical settings serving children and adolescents.

Date of departmental approval: September 7, 2010

Effective date: Spring 2011

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