

BROOKLYN COLLEGE
OF
THE CITY UNIVERSITY OF NEW YORK
FACULTY COUNCIL

Meeting of 04/12/2016

The Committee on Graduate Curriculum and Degree Requirements herewith submits its
recommendations in Curriculum Document 233

Respectfully submitted,

Beth Evans – Library, Chairperson
Min Hee Go – Political Science
Daniel Kurylo - Psychology
Paula Massood - Film
Howard Zeng – Kinesiology

Members of Faculty Council with any questions are urged to contact **Beth Evans** at
bevans@brooklyn.cuny.edu prior to the meeting.

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SECTION A-III: CHANGES IN DEGREE REQUIREMENTS

Department of Early Childhood Education and Art Education
M.A., art teacher (all grades)
HEGIS code 0831; SED program code 26751

Date of Department Approval: March 8, 2016

Effective date: Fall 2016

Clearance: Art Department

Program Description

The art education program at Brooklyn College is committed to preparing quality art teachers (PK-12) who are skilled makers of art, insightful observers of contemporary developments in the arts/visual culture, and articulate advocates for art education in public and independent schools. For students who hold a bachelor's degree from an accredited institution in either art or art education, we offer two paths to a master of arts degrees in art education. For students who already hold a master's degree in art or related discipline, we offer a non-degree Advanced teaching eCertificate in teaching art. The curriculum consists of education courses, field experiences, ~~a sequence of~~ and arts studios courses that are scheduled to accommodate students who have family and/or professional responsibilities. Most students complete the program in two years, however individuals are free to set their own pace for progressing through the program.

The courses required by the ~~School of Education~~ program in art education vary depending on the entry qualifications of students. The profession of teacher education is licensed by the New York State Education Department. Therefore, program requirements are subject to change. All students should consult with the program coordinator of art education for current degree requirements.

Matriculation requirements:

Applicants must offer at least 30 credits in art ~~history and studio or basic~~ and design courses, both two-dimensional and three-dimensional, and ~~drawing and painting, sculpture and crafts, and~~ other advanced arts courses acceptable to the program in art education.

Applicants must offer (a) or (b) or (c):

(a) New York State Initial Certification in teaching art for all grades;

(b) courses in education that meet the New York State standards for the pedagogical core. These courses include study of the following: history of education and philosophy of education or principles of education or educational sociology; educational psychology or developmental psychology ~~or psychology of adolescence or adolescent development~~; classroom management; teaching students with special needs and English language learners; 6 credits in literacy and language acquisition; curriculum development and methods of assessing student learning; uses of technology in the classroom; methods of teaching art ~~in all grades~~ PK-12; 100 hours of fieldwork; 40 days or 300 hours of student teaching of art in all grades, or one year of full-time teaching of

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art in all grades.

(c) an undergraduate degree with a major in art or appropriate course work in art.

Applicants must have a minimum undergraduate scholastic index of 3.00. A minimum average of 3.00 in graduate courses is required to maintain matriculation.

Applicants who have not completed all the specific course requirements are given individual consideration and may be admitted with conditions, with the approval of the program coordinator of art education and the chairperson of the Early Childhood and Art Education Department.

Applicants are required to demonstrate written proficiency in English. ~~Also, although not mandatory as a requirement for admission, applicants are encouraged to submit scores on the New York State teacher certification Academic Literacy Skills Test (ALST) as evidence to support the application.~~ International applicants for whom English is a second language are required to pass the Test of English as a Foreign Language (TOEFL) with a score of at least 575 on the paper-based test or 233 on the computer-based test or 79 on the internet-based test, before being considered for admission.

Applicants must submit a digital portfolio of their art work.

Applicants must consult matriculation requirements for the program in art education in the School of Education section of the Bulletin, and should see the program coordinator for art education for counseling.

General matriculation and admission requirements of the Division of Graduate Studies are in the section "Admission."

Degree requirements

33-46 credits are required for the degree.

Students take different art and education courses depending on their previous course work, artistic experience, and the certificates they hold.

Art

Students must complete ~~Art~~RTD 7310X, 7520X and 7610X. Students must complete 6 additional credits in 15 credits in studio art or art history courses.

Education

Students must complete 18-31 credits in courses in ~~the School of Education~~Education.

~~Students take different education courses and sequences of courses depending on their previous course work, teaching experience, and the certificates they hold.~~

Students who possess Initial Certification in teaching art must complete 15 credits in Group II and 3 credits in Group III, below.

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Students who do not possess Initial Certification in teaching art or equivalent course work and teaching experience or who are teaching but do not possess Initial Certification in teaching art must have the appropriate course work and credits in the subject area and must complete the appropriate courses in Group I, ~~in addition to courses in Groups II and III~~, below.

Students pursuing Initial Certification in teaching art must take Secondary Education 7503X, Teaching Writing Across the Curriculum; Childhood, Bilingual and Special Education 7671X, Children and Youth with Special Needs, or Secondary Education 7671X, Children and Youth with Special Needs, or Early Childhood Education and Art Education 7104T, Environments for Infants, Toddlers and Young Children with Special Developmental and Learning Needs, or Early Childhood Education and Art Education 7652T, Teaching Young Children with Special Needs through the Arts in Group III.

Students who already have a master's degree but wish Initial Certification in teaching art must take appropriate courses for the Advanced Certificate in Art Education in Group I, II and III below, as determined at the time of matriculation by the program coordinator of art education in the Department of Early Childhood and Art Education in the School of Education.

Group I:

Early Childhood and Art Education 7538T, 7542T, 7520T, 7543T.

Group II:

Early Childhood and Art Education 7530T, 7507T, 7533T, 7526T, 7506X

Group III:

One of the following: Childhood, Bilingual and Special Education 7671X, Secondary Education 7527T, 7503X, 7549X/Theater 7141X, ~~Secondary Education~~ 7671X, Early Childhood and Art Education 7100T, 7101T, 7102T, 7104T, 7105T, 7106T, 7652T, 6002T, 7540T, 7546T, 7539T.

Students must obtain fingerprinting clearance. Fieldwork or student-teaching in an early childhood setting requires students to be fingerprinted by **New York City Department of Investigation or Department of Health**. Fieldwork/student-teaching in a public school requires students to be fingerprinted by the **New York City Department of Education (NYC DOE)**; See **SOE website for more information**.

Maintain matriculated status. Students must have taken and passed the following NYS exams at the specified transition points:

- ~~1. The Academic Literacy Skills Test (ALST) exam: after completing 12 credits of art education courses;~~
1. CST-Visual Art section: prior to student teaching;
2. The Educating All Students (EAS) exam: prior to completing the degree program;
3. Throughout student-teaching, students complete and submit their final NYS certification exam, the Teacher Performance Assessment (EdTPA), which involves submitting video clips of teaching, and lesson plans along with commentaries on planning, instruction and assessment (see SOE website for additional information).

A student must complete student teaching with a B or higher, students who receive a grade lower than a B must apply to the ECAE chairperson for permission to reregister to repeat student teaching. Students will be allowed to repeat an ECAE course (including student-teaching) only once.

Note. Students not seeking certification must schedule a meeting with the Graduate Art Education Program Coordinator to set up an alternative transition point plan during their initial semester.

Rationale:

The revision to the M.A. degree requirements are proposed for the purpose of bringing the graduate art education program into alignment with national and New York State teacher preparation standards (NY State # 6, 8, 10, 13). These revisions are in accord with the broader goal stated in the mission statement of Brooklyn College to “maintain and enhance academic excellence in its students.”

SECTION A-III: CHANGES IN DEGREE PROGRAM

Department of Early Childhood and Art Education

Program in art education

Supplemental Data

Course Number	Course Title	Credits
ECAE 6002T	Current Issues and Evidence-based Practices in Education	1
ECAE 7506X*	Projects in Creative Art for the Classroom	3
ECAE 7507T*	Critical Issues in Education--Social Values and Individual Needs: Art	3
ECAE 7520T*	Seminar II in Pedagogy and Curriculum	3
ECAE 7526T *	Seminar in Educational Research: Art	3
ECAE 7530T *	Diverse Classrooms in a Visual Culture	3
ECAE 7533T *	Advanced Seminar in Pedagogy and Curriculum: Art	3
ECAE 7533T *	Advanced Seminar in Pedagogy and Curriculum: Art	3
ECAE 7538T	Seminar I in Pedagogy and Curriculum	3
ECAE 7539T	Special Topics in Art Education	3
ECAE 7540	Ways of Knowing in the Contemporary Arts Education Classroom: Seminar for Searching and Identifying New Artistic Interpretations and Relationships in the Visual and Performing Arts	3
ECAE 7542T	Art Education: Student Teaching Practicum I	2
ECAE 7543T	Art Education: Student Teaching Practicum II	2
ECAE 7546T	Human Tracks in the Urban Landscape: A practicum in art, technology and the environment	3

* indicates required for the 33 credit MA degree

SECTION A-III: CHANGES IN DEGREE REQUIREMENTS
Department of Early Childhood Education and Art Education

Date of departmental approval: March 11, 2016
Effective date: Fall 2016

M.S. in Education degree program: early childhood education teacher (birth through grade 2)
HEGIS code 0823
NYS SED program code 26736

The program in early childhood education prepares reflective teachers of children from birth through grade 2. Within our degree program, additional extensions and certificates may be added to the base of an early childhood teaching certificate by meeting NYSED requirements. These include: extensions in Bilingual Education in EC, Gifted Education in EC as well as an additional certification in Students with Disabilities (birth to 2nd grade). See specific course requirements noted below.

Our Early Childhood Program considers child development (typical and atypical) within the contexts of families, communities, and early learning settings in urban environments. Our graduates are keen observers of children who deeply understand and can document and articulate how children grow and develop. They successfully teach and guide young children in partnership with families from culturally, linguistically and socially diverse backgrounds using developmentally effective and culturally sensitive practices based on a family-centered and relationship-based philosophy.

Fundamental to the program's philosophy is a commitment to providing and advocating for linguistic and cultural developmentally effective practices, the arts and children's play as central to quality education for all young children, and the inclusion of children with special needs and English language learners. Based on the continual expansion of knowledge, our curriculum is vibrant and addresses emerging issues in the field. This includes bridging students' fieldwork and clinical experiences with current theories and research in child development, infant mental health, and early childhood education. Our coursework integrates the latest research in infancy, neuropsychology, social and emotional development, parenting and families, curriculum design, authentic assessment, emergent bilingual language development, number development, science inquiry, and technology.

Students are encouraged to push the boundaries of what is known about child development and early childhood education, as witnessed in our partnership with Lincoln Center Education, in which Brooklyn College students explore the relationship between imaginative learning and early childhood educational practices. We also prepare our students to teach in high-need communities through strong relationships with neighborhood early childhood programs and schools and our partnership with JumpStart, a non-profit organization that recruits and trains college students' to provide a rich literacy-based curriculum to preschool children and their parents in low-income neighborhoods. Faculty and students are currently involved in international partnerships and research in Sweden and China.

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Our Undergraduate and Graduate Early Childhood Education Programs are nationally recognized by the National Association for the Education of Young Children as part of the School of Education's national accreditation by the National Council for Accreditation of Teacher Education (NCATE).

Students will enroll in the appropriate course of studies listed below (Option A or B or C) based upon teaching experience, previous course work, and the teaching certificates they hold.

Option (A): 30 credits

The following program applies to students who hold a New York State Initial Certificate in Early Childhood Education (birth through grade 2) or its equivalent. This program leads to a New York State Professional Certificate in Early Childhood Education (birth through grade 2).

Matriculation requirements

Applicants must hold a New York State Initial Certificate in Early Childhood Education (birth through grade 2) or its equivalent.

Applicants must have a minimum undergraduate grade point average of 3.00. A minimum grade point average of 3.00 in graduate education 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 (TOEFL) with a minimum score of 575 on the paper-based test or 233 on the computer-based test or 79 on the internet-based test, to be considered for admission. Applicants are interviewed and may be required to demonstrate written proficiency in English. ~~Although not mandatory as a requirement for admission, applicants are encouraged to submit GRE scores as additional evidence to support the application.~~

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

Degree requirements

Students must complete 30 credits in the following courses.

Early Childhood and Art Education 7101T; 7102T or 7114T or 7360T; 7107T; 7678T or 7359T; 7103T; 7110T; and four courses from the following: Early Childhood and Art Education 7013T or 7100T or 7104T or 7113T or 7111T or 7115T or 7116T or 7108T or 7105T or 7106T or 7114T or 7109T or 7359T or 7360T or 7361T or 7382T or 7530T or 7540T or 7551T or 7652T or 7663T or 7667T or 7668T or 7669T or 7670T or 7675 or 7682T or 7683T or 7695T or 7820T or 7885T or 7886T or 6002T or Puerto Rican and Latino Studies 7145X.

During the first semester, students must file a program of study approved by the Graduate Early Childhood Education program coordinator. All courses in the early childhood degree sequence require departmental permission for registration.

Early Childhood and Art Education 7103T and 7110T are taken consecutively the last two semesters of the student's program of study.

Students must obtain fingerprinting clearance. Fieldwork or student-teaching in an early childhood setting requires students to be fingerprinted by New York City Department of Investigation or Department of Health. Fieldwork/student-teaching in a public school requires students to be fingerprinted by the New York City Department of Education (NYC DOE); See SOE website for more information.

Option (B): 33 credits

The following program applies to students who hold a New York State Initial Certificate in Childhood Education (grades 1-6) or its equivalent or a New York State Initial Certificate in Special Subjects (all grades) or its equivalent. This program leads to a New York State Professional Certificate in Early Childhood Education (birth through grade 2).

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 Special Subjects (all grades) or its equivalent.

Applicants must have a minimum undergraduate grade point average of 3.00. A minimum grade point average of 3.00 in graduate education 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 (TOEFL) with a minimum score of 575 on the paper-based test or 233 on the computer-based test or 79 on the internet-based test, before being considered for admission.

Applicants are interviewed and may be required to demonstrate written proficiency in English.

~~Although not mandatory as a requirement for admission, applicants are encouraged to submit GRE scores as additional evidence to support the application.~~

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

Degree requirements

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

Students must complete 33 credits in the following courses.

Early Childhood and Art

Education 7101T; 7102T; 7100T; 7104T; 7111T or 7115T or 7663T; 7116T or 7108T or 7105T or 7106T or 7107T or 7360T or 7652T; 7109T; 7120T; 7103T; 7110T.

During the first semester, students must file a program of study approved by the program adviser. All courses in the early childhood degree sequence require departmental permission for registration.

Early Childhood and Art Education 7103T and 7110T are taken consecutively the last two semesters of the student's program of study.

Students must obtain fingerprinting clearance. Fieldwork or student-teaching in an early childhood setting requires students to be fingerprinted by New York City Department of Investigation or Department of Health. Fieldwork/student-teaching in a public school requires students to be fingerprinted by the New York City Department of Education (NYC DOE); See SOE website for more information.

Throughout student-teaching, students complete and submit their final NYS certification exam, Teacher Performance Assessment (EdTPA), which involves submitting video clips of teaching, lesson plans, and other assessment material (see SOE website for additional information).

Note: A student must complete student teaching with a B or higher, students who receive a grade lower than a B must apply to the ECAE chairperson for permission to reregister to repeat student teaching. Students will be allowed to repeat an ECAE course (including student-teaching) only once.

Option C: 45 credits

The following program applies to students who do not hold a New York State Initial Certificate in Early Childhood Education or Childhood Education or Special Subjects or equivalent course work and teaching experience, or who are teaching but do not hold initial certification. This program leads to both New York State Initial and Professional Certificates in Early Childhood Education.

Matriculation requirements

Applicants must have a minimum undergraduate grade point average of 3.00. A minimum grade point average of 3.00 in graduate education 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 (TOEFL) with a minimum score of 575 on the paper-based test or 233 on the computer-based test or 79 on the internet-based test, before being considered for

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admission.

Applicants are interviewed and may be required to demonstrate written proficiency in English. ~~Also, although not mandatory as a requirement for admission, applicants are encouraged to submit scores on the New York State teacher certification Academic Literacy Skills Test (ALST) as evidence to support the application.~~

~~Although not mandatory as a requirement for admission, applicants are encouraged to submit scores on the CST multi-subject Early Childhood: Arts and Sciences section (which is required to receive a NYS certificate in Early Childhood Education) as additional evidence to support the application.~~

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

Degree requirements

Students must complete 45 credits in the following courses.

Early Childhood and Art Education

7675T; 7101T; 7102T; 7103T; 7104T; 7105T or 7106T or 7652T; 7107T;
7108T; 7109T; 7110T; 7111T or 7663T; 7115T; 7116T; 7120T.

During the first semester, students must file a program of study approved by the Graduate Early Childhood Education program coordinator. All courses in the early childhood degree sequence require departmental permission for registration.

Early Childhood and Art Education 7103T and 7110T are taken consecutively the last two semesters of the student's program of study.

Students must obtain fingerprinting clearance. Fieldwork or student-teaching in an early childhood setting requires students to be fingerprinted by New York City Department of Investigation or Department of Health. Fieldwork/student-teaching in a public school requires students to be fingerprinted by the New York City Department of Education (NYC DOE); See SOE website for more information.

Maintain matriculated status. Students must have taken and passed the following NYS exams at the specified transition points:

- 1) CST-EC Arts & Sciences section: prior to completing 18-credits;
- 2) The Educating All Students (EAS) exam: prior to completing 24-credits;
- 3) The CST-EC Literacy and Math sections: prior to student-teaching;
- 4) Throughout student-teaching, students complete and submit their final NYS certification exam, Teacher Performance Assessment (EdTPA), which involves submitting video clips of teaching, lesson plans, and other assessment material (see SOE website for additional information).

A student must complete student teaching with a B or higher, students who receive a grade lower than a B must apply to the ECAE chairperson for permission to reregister to repeat student teaching. Students will be allowed to repeat an ECAE course (including student-teaching) only once.

Note. Students not working toward certification must schedule a meeting with the Graduate Early Childhood Program Coordinate to set up an alternative transition point plan during their initial semester.

Requirements for the Extension in Bilingual Early Childhood Education

The New York State Education Department Extension in Bilingual Education may be added to base of an early childhood teaching certificate by meeting New York State Education Department criteria for the Bilingual Extension. New York State requirements for the Early Childhood Bilingual Extension includes the following coursework: Early Childhood and Art Education 7100T, 7116T, 7359T, and 7361T; and 7360T or Puerto Rican and Latino Studies 7145X. Permission from the Graduate Early Childhood Education program coordinator is required.

Nonmatriculated students

Students with a New York State Initial Certificate in Early Childhood Education and/or a New York State Professional Certificate in Early Childhood Education or their equivalents who wish to complete an Extension in Bilingual without completing a master's degree in Early Childhood Education, may do so as a nonmatriculated student. The Bilingual Extension in Early Childhood Education consists of 15 credits. The required courses, which may be taken in any order include:

ECAE 7100T, 7116T, 7359T, and 7361T; and 7360T or Puerto Rican and Latino Studies 7145X. Permission from the Graduate Early Childhood Education program coordinator is required.

Requirements for the Extension in Gifted Education Early Childhood Education

The New York State Education Department Extension in Gifted Education may be added to the base of an early childhood teaching certificate by meeting New York State Education Department criteria that includes the following 12 credits of coursework: Early Childhood and Art Education 7667T, 7668T, 7669T, and 7670T. Permission from the Graduate Early Childhood Education program coordinator is required.

Requirements for the Extension in Students with Disabilities (SWD) in Early Childhood Education

The New York State Education Department Extension in Students with Disabilities may be added
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to the base of an early childhood teaching certificate by meeting New York State Education Department requirements that include 15 credits of coursework:
Early Childhood and Art Education 7101T, 7102T, 7104T, 7113T, and 7678T.
Permission from the Graduate Early Childhood Education program coordinator is required.

During the first semester, students must file a program of study approved by the Early Childhood Education program coordinator. All courses in the early childhood degree sequence, the early childhood bilingual extension, the early childhood gifted extension, and the early childhood students with disabilities extension require departmental permission for registrar.

Rationale:

The revisions to the requirements with inclusion of the GRE are in alignment with the NYSED new requirement for teacher preparation programs. The inclusion of other course choices for EC students already certified (Option A) provides them with more flexibility in their course choices based on their past education and experience. These revisions are in accord with the broader goal stated in the mission statement of Brooklyn College to “maintain and enhance academic excellence in its students.”

SECTION A-III: CHANGES IN DEGREE PROGRAM

Department of Early Childhood and Art Education

Early Education

Supplemental Data

Option A (30 credits)

Course Number	Course Title	Credits
ECAE 6002T	Current Issues and Evidence-based Practices in Education	1 (not creditable toward the degrees in education)
ECAE 7013T	Developmental and Temperamental Challenges in Young Children	3
ECAE 7100T	Seminar in Principles, Practices and Environments in Early Childhood Settings, including Dual Language and Special Education	3
ECAE 7101T	Infant and Child Development in Family, Community and Educational Contexts: Typical and Atypical	3
ECAE 7102T	Foundations of Early Childhood, Early Childhood Bilingual and Early Childhood Special Education	3
ECAE 7103T	Introduction to Research in Early Childhood Education	3
ECAE 7104T	Environments for Infants, Toddlers and Young Children with Special Developmental and Learning Needs	3
ECAE 7105T	Imagination, the Arts, and Multidisciplinary Learning	3
ECAE 7106T	Visual Arts in Early Childhood Education	3
ECAE 7107T	Play in Cross-cultural Contexts	3

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ECAE 7108T	Mathematics in Early Childhood	3
ECAE 7109T	Scientific Inquiry in Early Childhood Education	3
ECAE 7110T	Independent Project and Research Seminar	3
ECAE 7111T	Language Learning and Development in Young Children	3
ECAE 7113T	Curriculum Modifications for Infants, Toddlers, and Young Children with Special Needs	3
ECAE 7114T	Administration and Supervision of Early Childhood Education Programs	3
ECAE 7115T	Literacy Curriculum in Early Childhood	3
ECAE 7116T	Culturally and Linguistically Diverse Families, and Communities, and the Teaching of Social Studies in Early Childhood Education	3
ECAE 7359T	Assessment and Intervention of Early Childhood Bilingual and Second Language Learners	3
ECAE 7360T	Introduction to Early Childhood Bilingual and Second Language Acquisition	3
ECAE 7361T	Methods and Research in Teaching English Language Arts to Young Bilingual and Dual Language Learners including Young Children with Special Needs	3
ECAE 7382T	Seminar in Designing and Evaluating Programs and Applied Research in Early Childhood Education	3
ECAE 7530T	Diverse Classrooms in a Visual Culture	3
ECAE 7540	Ways of Knowing in the Contemporary Arts Education Classroom: Seminar for Searching and Identifying New Artistic Interpretations and Relationships in the Visual and Performing Arts	3

ECAE 7551T	Critical Issues in Education: Teacher-Child Interactions credits	3
ECAE 7652T	Teaching Young Children, including Children with Special Needs and English Language Learners through the Arts	3
ECAE 7663T	Communication Development and Assessment of Young Multilingual Children with and without Special Needs	3
ECAE 7667T	Education of Diverse Gifted Young Children	3
ECAE 7668T	Young Children with Special Needs: Gifted Education	3
ECAE 7669T	Assessment of Diverse Gifted and Talented Young Children	3
ECAE 7670T	Curriculum Design for Diverse Gifted and Talented Young Children	3
ECAE 7675T	Supporting Diverse Families and Parent-Child Relationships 30 hours plus conference; 3 credits	3
ECAE 7678T	Developmental and Educational Assessment of Infants and Young Children with Special Needs 45 hours seminar plus conference; 3 credits	3
ECAE 7682T	Seminar in Teaching Young Children Experiencing Emotional and Behavioral Problems 30 hours plus conference; 3 credits	3
ECAE 7683T	Typical and Atypical Physical Development in Infants, Toddlers and Young Children: Prevention and Early Intervention 30 hours plus conference; 3 credits	3
ECAE 7695T	Student-teaching in an Inclusive Teaching Practicum 10 hours seminar and 100 hours of supervised student teaching	1
ECAE 7820T	Supervised Laboratory and Applied Field Experience in Child Development 30 hours seminar, 60 hours laboratory and directed independent activity; 4 credits	4
ECAE	Advanced Human Development I: Psychosocial Development in Early Childhood	3

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7885T		
ECAE 7886T	Advanced Human Development II: Parent-Child Interactions	3
PRLS 7145X	Bilingualism: Characteristics and Practices	3

Option C (45 credits)

ECAE 7101T	Infant and Child Development in Family, Community and Educational Contexts: Typical and Atypical	3
ECAE 7102T	Foundations of Early Childhood, Early Childhood Bilingual and Early Childhood Special Education	3
ECAE 7103T	Introduction to Research in Early Childhood Education	3
ECAE 7104T	Environments for Infants, Toddlers and Young Children with Special Developmental and Learning Needs	3
ECAE 7105T	Imagination, the Arts, and Multidisciplinary Learning	3
or ECAE 7106T	Visual Arts in Early Childhood Education	3
or ECAE 7652T	Teaching Young Children, including Children with Special Needs and English Language Learners through the Arts	3
ECAE 7107T	Play in Cross-cultural Contexts	3
ECAE 7108T	Mathematics in Early Childhood	3
ECAE	Scientific Inquiry in Early Childhood Education	3

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

109T		
ECAE 7110T	Independent Project and Research Seminar	3
ECAE 7111T	Language Learning and Development in Young Children	3
ECAE 7115T	Literacy Curriculum in Early Childhood	3
ECAE 7116T	Culturally and Linguistically Diverse Families, and Communities, and the Teaching of Social Studies in Early Childhood Education	3
ECAE 7675T	Supporting Diverse Families and Parent-Child Relationships	3
ECAE 7120T	Seminar and Comprehensive Student Teaching: Early Childhood Education	6

SECTION: A-III: CHANGES IN DEGREE REQUIREMENTS

Department of Film

Date of departmental approval: March 8, 2016

Effective date of the change to the program: Fall 2016

M.A. degree program in Cinema Studies
HEGIS code 1010; SED program code 36605

The Barry R. Feirstein Graduate School of Cinema offers a master arts degree in cinema studies. The two-year, 36-credit program provides a comprehensive education in cinema history, theory, criticism, and aesthetics, encompassing the scholarly exploration of motion pictures as a form of art and a means of social communication.

Matriculation Requirements

Applicants who have completed a bachelor’s degree with a minimum GPA of 3.00 satisfy the undergraduate requirements of this program. General matriculation and admission requirements of the Division of Graduate Studies are in the section “Admission.”

Degree Requirements:

36 credits are required for the degree.

Students must complete: FILM 7001G, FILM 7002G, FILM 7003G, FILM 7015G
Students must also complete 21 credits from the following list of electives: 7011G, 7012G, 7021G, 7022G, 7031G, 7032G, 7901G, 7902G, 7903G, 7911G, 7912G, 7913G. Please Note: Topics for electives will change every semester so that students can take a particular course more than once.

Students must also complete either of the following courses: Comprehensive Examination – Supervised Reading, or Thesis Development.

Rationale: we would like to add three sections each of internship and independent research courses for the M.A, students

SECTION: A-III: CHANGES IN DEGREE REQUIREMENTS

Department of Film

Date of departmental approval: March 8, 2015

Effective date of the change to the program: Fall 2016

M.F.A. degree program in cinema arts
HEGIS code 1010; SED program code 36817

Degree Program Requirements:

66 credits are required for the degree.

Bulletin language and precise degree requirements

The Barry R. Feirstein Graduate School of Cinema offers a master of fine arts degree in cinema arts with a concentration in one of the following areas: producing, directing, screenwriting, cinematography, post-production or digital animation & visual effects. The three-year, 66-credit program prepares students for professional careers in their area of concentration through a combination of practical and theoretical courses.

Matriculation Requirements

Applicants who have completed a bachelor’s degree satisfy the undergraduate requirements of this program. General matriculation and admission requirements of the Division of Graduate Studies are in the section “Admission.”

All students in the directing, cinematography, producing, screenwriting and post-production tracks must complete the following courses:

All of the following: 7013G, 7014G, 7015G, 7023G, 7801G, 7942G, 7964G

In addition, students must complete requirements in one concentration as follows:

Directing:

All of the following courses: 7101G, 7111G, 7121G, ~~7131G~~, 7141G 7201G, 7202G, 7301G, 7811G, 7821G, 7831G, 7951G, 7961G

and

Two of the following courses: 7011G, 7012G, 7021G, 7022G, 7502G, 7514G, 7522G, 7523G, 7901G, 7902G, 7903G, 7911G, 7912G, 7913G, 7921G, 7922G, 7923G

Cinematography:

All of the following courses: 7201G, 7202G, 7211G, 7221G, 7231G, 7302G, 7522G, 7523G, 7811G, 7821G, 7831G, 7951G, 7961G

and

One of the following courses: 7011G, 7012G, 7021G, 7022G, 7502G, 7514G, 7522G, 7523G, 7901G, 7902G, 7903G, 7911G, 7912G, 7913G, 7921G, 7922G, 7923G

Producing:

All of the following courses: 7302G, 7401G, 7411G, 7412G, 7422G, 7423G, 7431G, 7531G, 7811G, 7831G, 7951G, 7961G

and

Two of the following courses: 7011G, 7012G, 7021G, 7022G, 7502G, 7514G, 7522G, 7523G, 7901G, 7902G, 7903G, 7911G, 7912G, 7913G, 7921G, 7922G, 7923G

Screenwriting:

All of the following courses: 7301G, 7302G, 7303G, 7311G, 7312G, 7321G, 7322G, 7323G, 7331G, 7332G, 7811G, 7952G, 7962G

and

One of the following courses: 7011G, 7012G, 7021G, 7022G, 7502G, 7514G, 7522G, 7523G, 7901G, 7902G, 7903G, 7911G, 7912G, 7913G, 7921G, 7922G, 7923G

Post-Production:

All of the following courses: 7302G, 7501G, 7502G, 7512G, 7513G, 7514G, 7521G, 7522G, 7523G, 7524G, 7531G, 7953G, 7961G, 7963G

and

One of the following courses: 7011G, 7012G, 7021G, 7022G, 7502G, 7514G, 7522G, 7523G, 7901G, 7902G, 7903G, 7911G, 7912G, 7913G, 7921G, 7922G, 7923G

Digital Animation and Visual Effects:

All of the following courses: 7005G, 7014G, 7015G, 7601G, 7611G, 7612G, 7613G, 7614G, 7621G, 7622G, 7624G, 7631G, 7634G, 7943G, ~~7945G~~, 7955G, 7965G, 7966G

and

Four elective courses

Rationale:

We would like to replace Film 7131G with Film 7141G, as the material for Film 7131G is covered in Film 7942G.

The course number Film 7945G, for the MFA Cinema Arts Digital Animation & VFX concentration was incorrect; the correct course number is Film 7943G

We are adding three sections each of an Independent Research and an Internship course, to give our M.A. and M.F.A. students the flexibility to propose faculty-supervised independent projects not required in the curriculum and to gain professional experience through internships. We are also adding three Special Topics sections for the M.F.A. Cinema Arts program, which will enable us to explore new topics and subject areas in film.

SECTION A-III: CHANGES IN DEGREE PROGRAM

Department of Film

Supplemental Data

Courses for MFA Cinema Arts Digital Animation & VFX concentration

7005G... History of World Cinema.....	3 credits
7601G...Digital Imaging and Compositing 1.....	3 credits
7611G...Digital Imaging and Compositing 2.....	3 credits
7612G...Digital Animation and VFX Symposium.....	3 credits
7613G...History of Animation and VFX Techniques.....	3 credits
7614G...3D Computer Animation I.....	3 credits
7621G...Digital Imaging and Compositing 3.....	3 credits
7622G...Drawing, Illustration and Digital Cel Animation.....	3 credits
7624G...3D Computer Animation 2.....	3 credits
7631G...Digital Imaging and Compositing 4.....	3 credits
7634G...3D Computer Animation 2.....	3 credits
7943G...Digital Animation & VFX Thesis Project Development	3 credits
7955G...Digital Animation & VFX Thesis 1.....	3 credits
7965G...Digital Animation & VFX Thesis 2.....	3 credits
7966G...Digital Animation & VFX Portfolio Development.....	3 credits

Courses for MFA Cinema Arts Directing concentration

7101G ... Directing Workshop	3 credits
7111G ... Directing the Camera	3 credits
7121G ... Directing the Actor	3 credits
7141G ... Director's Symposium.....	3 credits

SECTION A-III: CHANGES IN DEGREE PROGRAM

Department of Secondary Education (SEED)

M.A. degree program in education: biology teacher (7-12)
HEGIS code 0401.01; NYS SED program code 26742

Date of Approval SEED: March 3, 2016

Effective Date of the change: Fall, 2016

Matriculation requirements

Applicants must offer adequate preparation in the following, with an average grade of B or higher in biology courses: general biology; general physics; an advanced course in botany, zoology, general physiology, and genetics; and two terms of organic chemistry.

Applicants must also offer (a) or (b):

(a) New York State Initial Certification in Adolescence Education in teaching biology for grades 7-12;

Courses in education or equivalent course work and teaching experience that meet the New York State standards for the pedagogical core. These courses include study of the following: history of education and philosophy of education or principles of education or educational sociology; educational psychology or developmental psychology or psychology of adolescence or adolescent development; classroom management; teaching students with special needs and English language learners; 6 credits in literacy and language acquisition; curriculum development and methods of assessing student learning; uses of technology in the classroom; methods of teaching biology in grades 7-12; 100 hours of fieldwork; 40 full days or 300 hours of student teaching of biology in grades 7-12, or one year of full-time teaching of biology in grades 7-12; passage of edTPA.

(b) an undergraduate degree with a major in biology or appropriate course work in biology. This to be defined for the immersion program as a minimum of

Applicants must have a minimum undergraduate grade point average of 3.00. A minimum 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 (TOEFL) before being considered for admission. For more updated and complete information on minimum passing scores see the section on additional

admission requirements for students with international credentials in the Graduate Bulletin or the program web page. At the discretion of the program, additional English courses may be required as a condition for admission.

Applicants who have not completed all the specific course requirements are given individual consideration and may be admitted with conditions, with the approval of the Head of the program in adolescence science education in the School of Education and the chairperson of the Biology Department.

Applicants should see the Head of the program in adolescence science education for advisement.

General matriculation and admission requirements of the Division of Graduate Studies are in the chapter "Admission."

Degree requirements

A minimum of 34 credits is required for the degree. Each option below has its own credit requirement.

~~Students must complete 22 credits in biology and related areas.~~

Students must also complete either Option A, B or ~~B~~ C below. With the approval of the science education program head, students enroll in the appropriate Option A or Option B based upon teaching experience, previous course work, and the teaching certificates they hold. Students in Option C must hold a New York State Transitional B certificate.

Option A (for in-service teachers):34 credits

This option is for students who possess a New York State Initial Certification in teaching biology grades 7-12, or its equivalent.

Students must complete 12 credits in courses in the Department of Secondary Education. Students take different education courses and sequences of courses depending on their previous course work, teaching experience, and the certificates they hold. Students who possess Initial Certification in teaching biology must complete all of the following:
SEED 7502T or SEED 7324X, SEED 7500X or SEED 7315X, SEED 7340T or SEED 7320T, and 7503X or 7038X or SEED 7325X.

Students must also complete 22 credits in biology and related areas.

Option B (for pre-service teachers):34-50 credits

Students who do not possess Initial Certification in teaching biology or equivalent course work and teaching experience or who are teaching but do not possess Initial Certification in teaching biology must have the appropriate course work and credits in the subject area and must complete appropriate courses in (a), (b) and (c) below:

(a) SEED 7500X or SEED 7315X, SEED 7501X or SEED 7314X, SEED 7502T or SEED 7324X, SEED 7503X or SEED 7325X, SEED 7340T or SEED 7320T.

(b) SEED 7380T, SEED 7381T, SEED 7383T, SEED 7542T, SEED 7543T.

(c) SEED 7671X.

Students must also complete 22 credits in biology and related areas.

The student teaching methods course (SEED 7380T) must precede the student teaching seminars (SEED 7381T and SEED 7383T) and field experience (SEED7542T and SEED 7543T).

Students who wish to register for student teaching seminar and field placement in the science education program will need to file an application with the science education program head for permission. See program office for details.

Students must pass a comprehensive examination or submit a thesis acceptable to the Biology Department. Information about requirements for the comprehensive examination and the thesis is in the chapter "Academic Regulations and Procedures."

The program of study must be approved early in the first semester by the chairperson or the deputy chairperson of the Biology Department and the Head of the program in adolescence science education in the School of Education.

Option C (for holders of a Transitional B): 36-50 credits

Applicants must hold a New York State Transitional B Certificate in Adolescence Education: Biology (grades 7-12). Requirements for the Transitional B Certificate are determined by the New York State Education Department. Students must take and pass the New York State Content Specialty Test in Biology for the Certificate to be valid and to continue in the program after the first term.

This program leads to both New York State Initial and Professional Certificates in Adolescence Education with a specialization in biology (grades 7-12). Applicants must present a strong academic background and a minimum of 15 credits in biology or related disciplines.

Degree requirements:

Thirty-six credits to 50 credits are required for the degree.

(a) SEED 7500X or SEED 7315X, SEED 7310X or SEED 7314X, SEED 7311T or SEED 7324X, SEED 7503X or SEED 7325X, SEED 7340T or SEED 7320T or SEED 7321T.

(b) SEED 7381T, SEED 7383T.

(c) SEED 7671X.

In addition to the above, a minimum of 15 credits in graduate courses in any of the following: biology, EESC 7011T or 7044T, and GSCI 7030T, 7031T, 7033T, 7035T, 7036T, 7054T or ANTH 7440X, or ANTH 7470X or other science courses with the approval of the program head of adolescence science education. Courses work will be selected to provide content required for New York State Certification to teach Life Science and additional coursework to provide breadth in science content.

The requirement for a thesis shall be satisfied by completion of SEED 7320T or SEED 7321T or 7340T.

Rationale: New York City Department of Education has been funding Teaching Fellows in Biology in the masters programs in MA General Science Teacher 5-9 with a Specialization in Biology and MAT Earth Science 7-12. Because of an emerging need for teachers of Biology 7-12, the NYC DOE wants a 7-12 program for Biology teachers. Our existing Transitional B in Teaching Biology is for candidates with a major in biology and only requires 6 credits in biology. Because there are not enough candidates with this major, the city is seeking a program that “immerses” select graduate students in the content area. New York State requires a minimum of 12 graduate credits in the area of certification. The remainder of the 30 credit requirement for content coursework in the area of certification may be at the undergraduate level.

Clearances sought and obtained from the Department of Biology.

SECTION A-III: CHANGES IN DEGREE PROGRAM

Department of Secondary Education (SEED)

M.A. degree program in education: biology teacher (7-12)

Supplemental Data

Course Number	Course Title	Credits
SEED 7500X	Perspectives on Education: Teaching Children and Adolescents in Cultural Context	3
SEED 7315X	Historical, Philosophical, and Social Foundations of Education and Science	3
SEED 7310T	Methodology in Middle Childhood and Adolescence Science Teaching I	3
SEED 7311T	Methodology in Middle Childhood and Adolescent Science Teaching II	3
SEED 7314X	Physical and Life Science Instruction and Learning I, Middle Childhood and Adolescence	3
SEED 7324X	Physical and Life Science Instruction and Learning II, Middle Childhood & Adolescence	3
SEED 7503X	Teaching Writing across the Curriculum	3
SEED 7325X	Middle Childhood and Adolescence Development, Culture, Cognition, and Language in Science Learning and Teaching	3
SEED 7320T	Foundations and Analysis of Teaching I	3
SEED 7321T	Seminar in Applied Theory and Research: Science and Environmental Education	3
SEED 7340T	Seminar in Educational Research: Science	3
SEED 7381T	Science Student Teaching Seminar I	1.5
SEED 7383T	Science Student Teaching Seminar II	1.5
SEED 7671X	Children and Youth with Special Needs	3
EESC 7011T	The History of Life	3
EESC 7044T	Global Catastrophes	3
GSCI 7030T	Selected Concepts in Life Science for Childhood and	3

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

	Middle Childhood Teachers	
GSCI 7031T	Field Studies in Life Science for Childhood and Middle Childhood Teachers	3
GSCI 7033T	Diversity of Fishes	3
GSCI 7035T	Evolution	3
GSCI 7036T	Genetics, Genomics and Genethics	3
ANTH 7440X	Seminar in Zooarchaeology	3
ANTH 7470X	Summer Archaeological Field School	3
BIOL7005G	Genetics	3
BIOL 7007G	Molecular and Macroevolution	3
BIOL 7010T	Modern Concepts in Biology I, II	3
BIOL 7013X	Principles of Immunology	3
BIOL 7020T	Modern Concepts in Biology I, II	3
BIOL 7027G	Model Systems in Biology	3
BIOL 7077G	Molecular Phylogenetics and Evolution	3
BIOL 7080G	Journal Club	3
BIOL 7100G	Molecular Biology	3
BIOL U7110X	Biotechnology of Algae	3
(BIOL 7150G)	Cell and Molecular Biology Techniques	3
BIOL U7160X	Cells in Culture	3
BIOL U7170X	Advanced Cell Culture Techniques	3
(BIOL 7180G)	Cancer Biology	3
BIOL U7321X	Applied Microbiology: Lecture	3
BIOL 7331G	Global Bacterial, Protozoan and Viral Killers	3
BIOL U7503X	Developmental Biology	3
BIOL 7650X	Biology of Estuaries	3
BIOL U7910G	Colloquium	3
BIOL U7921G	Advanced Study	3
BIOL U7121X	Introduction to Recombinant DNA Technology: Lecture	3
BIOL U7122X	Introduction to Recombinant DNA Technology: Laboratory	3
BIOL U7141G	Cell Biology: Lecture	3

BIOL U7922G	Advanced Study	3
BIOL U7931G	Seminar in Special Topics	3
BIOL U7932G	Seminar in Special Topics	3
BIOL U7933G	Seminar in Special Topics	3
BIOL U7941X	Experimental Biology: Lecture	3
BIOL U7942X	Experimental Biology: Laboratory	3
BIOL U7951X	Research Topics in Biology	3
	<u>Other science courses with the approval of the program head of adolescence science education.</u>	

Course work will be selected to provide content required for New York State Certification to teach Life Science and additional coursework to provide breadth in science content for program participants who have not had coursework in related disciplines at the undergraduate level.

GSCI 7010T	Selected Concepts in Physical Science for Childhood and Middle Childhood Teachers	3
GSCI 7040T	Selected Concepts in Earth Science for Childhood and Middle Childhood Teachers	3
GSCI 7054T	The Ocean System	3
GSCI 704IT	Field Studies in Earth Science for Childhood and Middle Childhood Teachers	3
GSCI 7042T	Earth Inside and Out	3
GSCI 7050T	Selected Concepts in Environmental Science for Childhood and Middle Childhood Teachers	3

SECTION A-IV: NEW COURSE

Conservatory of Music

Date of Departmental Approval: March 8, 2016

Effective date for the course becoming part of the curriculum: Fall 2016

MUSC 7360X Fundamentals of Music Technology

45 hours; 1 credits

Bulletin Description

This course is designed for any musician interested in computer-based tools to enhance their musical life and career. The class will introduce musicians to an array of available software for the creation, documentation, and instruction of music. Topics include digital audio, MIDI, music notation, music on the Internet, presentation of one's work, and pedagogical tools.

Prerequisite: Permission of instructor.

Frequency of offering: Once per year in the fall semester

Projected enrollment: 15 students per year

Clearances: None

Rationale :

It is imperative for Brooklyn College to continue to provide students with educational experiences that expose them to new technologies. This course represents one aspect of the Conservatory of Music's attempt to instruct students in technological tools that could enhance their professional productivity. The Conservatory of Music's goals for student learning are to train musicians as artists and as professionals able to start and sustain careers. Given the revolutionary technologies for music creation and dissemination that arose during the last century, we feel that it is valuable to give students the chance to spend an entire semester becoming oriented and gaining experience in professional audio and computer tools. These tools will help students present their work better, will enhance their creativity, and will provide practical, marketable skills.

SECTION A-IV: NEW COURSE

Conservatory of Music

Date of Departmental Approval: March 8, 2016

Effective date: Fall 2016

MUSC U7361G Electroacoustic Music I

45 hours; 1 credits

Bulletin Description

This class is an exploration of creativity with digital sound. It is the first in a two-semester sequence and is meant to be an introduction to music composition with computer software and hardware. course treats topics of electroacoustic sound and methods of composition that are distinct to this medium, with a focus on concepts derived from *musique concrète*, acousmatic music, and related styles, coupled with explanation and application of digital signal processing techniques. Students complete a series of projects exploring these concepts, culminating in a major final project.

Prerequisite:

Permission of instructor.

Frequency of offering: Once per year in the fall semester

Projected enrollment: 15 students per year

Clearances: None

Rationale :

It is imperative for Brooklyn College to continue to provide students with educational experiences that expose them to new technologies. This course represents one aspect of the Conservatory of Music's attempt to instruct students in technological tools that could enhance their professional productivity. The Conservatory of Music's goals for student learning are to train musicians as artists and as professionals able to start and sustain careers. Given the revolutionary technologies for music creation and dissemination that arose during the last century, we feel that it is valuable to give students the chance to spend an entire semester becoming oriented and gaining experience in professional audio and computer tools. These tools will help students present their work better, will enhance their creativity, and will provide practical, marketable skills.

SECTION A-IV: NEW COURSE

Conservatory of Music

Date of Departmental Approval: March 8, 2016

Effective date: Fall 2016

MUSC U7362G Electroacoustic Music II

45 hours; 1 credit

Bulletin Description

This course will explore techniques of sound synthesis, both analog and digital. First topics include simple oscillators and then progress through others including subtractive synthesis, modulation, granular, and physical modeling. Discussion of techniques will also be related to historical and contemporary creators and their works. Control and compositional use of synthesis techniques will be explored via a series of assignments exploring these concepts, culminating in a major final project.

Prerequisite:

Permission of instructor.

Frequency of offering: Once per year in the fall semester

Projected enrollment: 15 students per year

Clearances: None

Rationale :

It is imperative for Brooklyn College to continue to provide students with educational experiences that expose them to new technologies. This course represents one aspect of the Conservatory of Music's attempt to instruct students in technological tools that could enhance their professional productivity. The Conservatory of Music's goals for student learning are to train musicians as artists and as professionals able to start and sustain careers. Given the revolutionary technologies for music creation and dissemination that arose during the last century, we feel that it is valuable to give students the chance to spend an entire semester becoming oriented and gaining experience in professional audio and computer tools. These tools will help students present their work better, will enhance their creativity, and will provide practical, marketable skills.

SECTION IV: A NEW COURSE

Conservatory of Music

Date of Departmental Approval: October 12, 2015

Effective date: Fall 2017

MUSC 7545X Contemporary Jazz Theory and Musicianship

45 hours, 3 credits

Bulletin Description

Survey practical jazz techniques based in new organizational methods for understanding advanced jazz and world music theory.

Prerequisite: Matriculation to Jazz M.M. Program

Frequency of offering: every other semester

Expected enrollment: 12

Clearances: None

Rationale:

The language of jazz has changed radically. There are many schools of performance which do not employ traditional “jazz” harmonic, theoretical or rhythmic practice. The modern jazz musician must be well versed in everything from Indian ragas to klezmer scales to contemporary compositional techniques to electro-acoustic methods.

Improvisation in a non-traditional language is fundamental to the theoretical understanding of new jazz so that the student is free to develop the ability to authoritatively “solo” in many different jazz disciplines.

Special attention is paid to international approaches to jazz theory. The harmonic language of tango, the melodic stylistic approach to free jazz, the metric modulation of contemporary Pan-American styles are all approaches to jazz that the modern musician is expected to be able to understand and be fluent in.

SECTION IV: A NEW COURSE

Conservatory of Music

Date of Departmental Approval: October 12, 2015

Effective Date: Fall 2017

MUSC 7546X Jazz Composition

45 hours, 3 credits

Bulletin Description

A comprehensive approach to jazz composition and arranging with an emphasis on producing a final written score/arrangement.

Prerequisite: Matriculation to the M.M. Jazz program.

Frequency of offering: Every other semester

Expected enrollment: 10-12 students

Clearances: None

Rationale:

Jazz composition is a relatively new study but at least as old a discipline as jazz performance. The contemporary jazz composition student must be prepared in many techniques. Notation software, analysis, and mentored guidance will develop the jazz composer into a producing professional with a myriad of career possibilities.

SECTION A-IV- NEW COURSE

Conservatory of Music

Date of departmental approval: March 8, 2016

Effective date: Fall 2016

MUSC 7750X Collegium Musicum

45 hours; 1 credit.

Bulletin Description

Singing and playing of preclassic and later compositions scored for small groups.

Prerequisite: audition.

Corequisite: none.

Frequency of offering: every semester.

Projected enrollment: 12 students.

Clearances sought: none.

Rationale: In effect, this proposal reactivates an inactive ensemble course of the Conservatory of Music. *Collegium Musicum*, which focuses mainly on chamber music composed between ca. 1600 and 1900, was originally a course created by Brooklyn College's Department of Music in the early 1970s (Music 73 and Music 775). It was frequently offered from that time up through Spring 2004. Because the course has not been offered in a dozen years, it became an inactive course in the College's *Bulletins*. The course will fulfill one of the corequisite ensembles which students registered for Performance need to take, as assigned by the Conservatory of Music based on auditions.

Now that there is a significant number of talented students majoring in performance (including the new graduate professional studies programs) who wish to be part of a Collegium Musicum and therefore seek to explore, learn, and perform publicly such small-ensemble repertoire in Conservatory concerts, there are faculty ready to organize, advise, and direct such a diverse "early-music" ensemble once again. Students in Collegium will be able to rehearse, learn about, and perform outstanding chamber works by composers such as Monteverdi, Vivaldi, Corelli, Scarlatti, J.S. Bach, C.P.E. Bach, J.C. Bach, G.F. Handel, G.P. Telemann, J. Haydn, W.A. Mozart, F.Schubert, J.N. Hummel, and many other composers. The presence of such an ensemble course will thus broaden the repertoire possibilities for Conservatory students and assure that they will be well prepared to handle the special performance-practice requirements of chamber instrumental/vocal works from the Baroque through the Classical/Romantic periods.

SECTION A-IV: NEW COURSE

Conservatory of Music

Date of Departmental Approval: October 12, 2015

Effective Date: Fall 2017

MUSC 7855X Global Improvisation

45 hours, 3 credits

Bulletin Description

Survey techniques used in improvisation throughout the world. Approaches in scale organization as well as metric and rhythmic concepts. Integration of global improvisation and established jazz techniques.

Prerequisite: Matriculation for the M.M. in Jazz performance

Frequency of offering: every other semester

Expected enrollment: 12 students

Rationale:

The best practitioners of jazz are well versed in the different methods of improvisation throughout the world. Learning the techniques of other cultures improves our ability rhythmically, harmonically and conceptually, while enlarging an improvisor's palette of tools.

The ability to sound unique stems from a willingness to examine the work of global improvisatory systems. This results in an identity and style that is easily identifiable but not easily replicated.

SECTION A-IV: NEW COURSE

Conservatory of Music

Date of Departmental Approval: October 12, 2015

Effective date: Spring 2017

MUSC 7861X History of Jazz II

45 hours; 3 credits

Bulletin Description

Survey of styles, genres, and forms of jazz from 1950 to the present.

Analysis of selected works.

Prerequisite: Music U7400G [740G] or the equivalent.

Rationale:

Adequate coverage of the entire 100+ year sweep of jazz history has become impossible in one 14-week term, especially as the genre has become more and more widely defined. Dividing the upper-level undergraduate jazz history course into two sections will allow more concentrated study on important issues, musicians, and styles. In addition, this course will view jazz as a global phenomenon, in keeping with the Conservatory's burgeoning interest in global jazz studies.

Frequency of offering: Every spring or every other fall, depending on enrollment

Projected enrollment: 10 students per year

Clearances: None

Rationale : Adequate coverage of the entire 100+ year sweep of jazz history has become impossible in one 14-week term, especially as the genre has become more and more widely defined. Dividing the upper-level undergraduate jazz history course into two sections will allow more concentrated study on important issues, musicians, and styles. In addition, this course will view jazz as a global phenomenon, in keeping with the Conservatory's burgeoning interest in global jazz studies.

SECTION A-IV: NEW COURSES

Department of Biology

Biology 7190G Macromolecular Structure and Bioinformatics

45 hours, 3 Credits

Date of departmental approval: March 8, 2016

Effective date: Spring 2017

Bulletin Description: The fundamentals of biological macromolecular structures; an introduction to the computational tools important in determining biological functions.

Prerequisites: Biology 7100

Frequency of offering: one section per semester

Projected enrollment: 20 students

Clearances: Computer and Information Science

Rationale: Structural Biology is the study of the molecular structures of biological molecules, and how that structure determines their biological function. It is intended that students emerge from this course with a deep understanding of the principles that govern macromolecular structure and the functional consequences of these principles. This course you will also acquaint them with the computational tools which are playing an ever-increasing role in modern biological research. For students who wish to continue studies in Bioinformatics, this course will serve to strengthen the knowledge of the fundamental areas of macromolecular structure and function, and computational molecular biology necessary to master this field.

SECTION A-IV: NEW COURSE

Department of Earth and Environmental Sciences

Date of Departmental Approval: October 13, 2015

Effective Date: Fall 2016

EESC 7600 Biogeochemistry

45 hours lecture; 3 credits

Bulletin Description: Biogeochemistry is the study of the fluxes of energy, water, carbon, nutrients and other elements across the earth's surface. This integrative discipline is highly relevant to multiple aspects of Environmental Science including analysis of climate and land use change and air and water pollution. The course will begin with a discussion of the basic science of biogeochemical cycles at global, regional, landscape and ecosystem scales and then move towards application of biogeochemical principles to current topics of interest in Environmental Science.

Frequency of offering: Biannually

Projected enrollment: 15 -25 students

Clearances: None

Rationale: Biogeochemistry is central to many aspects of Earth and Environmental Science. It requires integration of information from biology, geology, chemistry, hydrology, microbiology and ecology to understand the fluxes of energy, water, carbon, nutrients and other elements across the earth's surface. The topic is inherently multi-scalar, with explicit discussion of dynamics at global, regional, landscape and ecosystem scales. This course will help students integrate different aspects of their training and apply knowledge to current topics such as climate change, land use change and water and air quality.

SECTION A-IV: NEW COURSE

Department of Film

Date of departmental approval: March 8, 2016

Effective date: Fall 2016

Film 7141G: Directors Symposium

60 hours; 3 credits

Bulletin Description: This course is an opportunity for students to study the work of master directors and also meet guest directors and other film professionals who serve in key creative positions.

Prerequisite: Matriculation in the M.F.A. in Cinematic Arts and permission of the program director.

Frequency of offering: Every Fall semester

Projected enrollment: 14 students

Clearances: None

Rationale: This course is required for all students in the Directing track. Students will study the work of master directors closely examining groundbreaking films with innovative directorial styles. Through regular screenings, students will investigate differing directorial approaches and analyze their impact cinema. Over the course of the semester, each student will research and present examples from the body of work of one master filmmaker, for example: Tarkovsky, Bresson, Wilder, Kurosawa, Zhang, Bertolluci, Lean, Sembene, Inarritu. Class time will also be dedicated to a number of guest lectures by outstanding directors and key creatives, including Production Designers, Editors, Cinematographers, Producers, Screenwriters etc. They discuss their work and a variety of topics relevant to the industry. This course will replace FILM 7131G: Advanced Directing Workshop, whose content is going to be covered in FILM 7942G.

SECTION A-IV: NEW COURSE

Department of Film

Date of departmental approval: March 8, 2016

Effective date: Fall 2016

FILM 7901G: Independent Research 1

60 hours; 3 credits

Bulletin Description:

Faculty supervised research or fieldwork in an aspect of film studies or film production.

Prerequisite: Matriculation in the M.A. in Cinema Studies, the M.F.A. in Cinema Arts, or Permission of the Chairperson.

Frequency of Offering: Every semester

Projected enrollment: 1 student/independent study

Rationale: This course allows students in the M.A. in Cinema Studies and the M.F.A. in Cinema Arts to explore an area of film studies or film production not offered by the existing courses in each program. Students will work with a faculty supervisor to identify research focus, meeting schedules, and expected outcomes. Projects can result in either more research papers or in a short- or long-form media production (such as a film, a blog, or a web-site/-series).

Clearances: None

SECTION A-IV: NEW COURSE

Department of Film

Date of departmental approval: March 8, 2016

Effective date: Fall 2016

FILM 7902G: Independent Research 2

60 hours; 3 credits

Bulletin Description:

Faculty supervised research or fieldwork in an aspect of film studies or film production.

Prerequisite: Matriculation in the M.A. in Cinema Studies, the M.F.A. in Cinema Arts, or Permission of the Chairperson.

Frequency of Offering: Every semester

Projected enrollment: 1 student/independent study

Rationale: This course allows students in the M.A. in Cinema Studies and the M.F.A. in Cinema Arts to explore an area of film studies or film production not offered by the existing courses in each program. Students will work with a faculty supervisor to identify research focus, meeting schedules, and expected outcomes. Projects can result in either more research papers or in a short- or long-form media production (such as a film, a blog, or a web-site/-series).

Clearances: None

SECTION A-IV: NEW COURSE

Department of Film

Date of departmental approval: March 8, 2016

Effective date: Fall 2016

FILM 7903G: Independent Research 3

60 hours; 3 credits

Bulletin Description:

Faculty supervised research or fieldwork in an aspect of film studies or film production.

Prerequisite: Matriculation in the M.A. in Cinema Studies, the M.F.A. in Cinema Arts, or Permission of the Chairperson.

Frequency of Offering: Every semester

Projected enrollment: 1 student/independent study

Rationale: This course allows students in the M.A. in Cinema Studies and the M.F.A. in Cinema Arts to explore an area of film studies or film production not offered by the existing courses in each program. Students will work with a faculty supervisor to identify research focus, meeting schedules, and expected outcomes. Projects can result in either more research papers or in a short- or long-form media production (such as a film, a blog, or a web-site/-series).

Clearances: None

SECTION A-IV: NEW COURSE

Department of Film

Date of departmental approval: March 8, 2016

Effective date: Fall 2016

FILM 7911G: Film Internship 1

Minimum 9 hours fieldwork; 3 credits

Bulletin Description:

Intensive workshop for students engaged as interns or apprentices in a museum film study center or film/media publication (print or on-line); at a distribution, marketing, or production office; or on a professional production.

Prerequisite: Matriculation in the M.A. in Cinema Studies, the M.F.A. in Cinema Arts, or Permission of the Chairperson.

Frequency of Offering: Every semester

Projected enrollment: 1 student/internship

Rationale: The M.A. program in Cinema Studies and the M.F.A. program in Cinema Arts are dedicated to providing students with practical, real-world experience in their fields of interest. The graduate program's location at Steiner Studios offers students enrolled in both the M.A. and M.F.A. programs exposure to film shoots and the administrative offices for a variety of long- and short-form media productions, providing important points of contact for students interested in a career in the film industry. In addition, Cinema Studies students will have the ability to gain important curatorial and writing experience through a variety of institutions and venues across the city's five boroughs. Students will be expected to keep a log of internship responsibilities and produce an end-of-semester report once the internship has been completed.

Clearances: None

SECTION A-IV: NEW COURSE

Department of Film

Date of departmental approval: March 8, 2016

Effective date: Fall 2016

FILM 7912G: Film Internship 2

Minimum 9 hours fieldwork; 3 credits

Bulletin Description:

Intensive workshop for students engaged as interns or apprentices in a museum film study center or film/media publication (print or on-line); at a distribution, marketing, or production office; or on a professional production.

Prerequisite: Matriculation in the M.A. in Cinema Studies, the M.F.A. in Cinema Arts, or Permission of the Chairperson.

Frequency of Offering: Every semester

Projected enrollment: 1 student/internship

Rationale: The M.A. program in Cinema Studies and the M.F.A. program in Cinema Arts are dedicated to providing students with practical, real-world experience in their fields of interest. The graduate program's location at Steiner Studios offers students enrolled in both the M.A. and M.F.A. programs exposure to film shoots and the administrative offices for a variety of long- and short-form media productions, providing important points of contact for students interested in a career in the film industry. In addition, Cinema Studies students will have the ability to gain important curatorial and writing experience through a variety of institutions and venues across the city's five boroughs. Students will be expected to keep a log of internship responsibilities and produce an end-of-semester report once the internship has been completed.

Clearances: None

SECTION A-IV: NEW COURSE

Department of Film

Date of departmental approval: March 8, 2016

Effective date: Fall 2016

FILM 7913G: Film Internship 3

Minimum 9 hours fieldwork; 3 credits

Bulletin Description:

Intensive workshop for students engaged as interns or apprentices in a museum film study center or film/media publication (print or on-line); at a distribution, marketing, or production office; or on a professional production.

Prerequisite: Matriculation in the M.A. in Cinema Studies, the M.F.A. in Cinema Arts, or Permission of the Chairperson.

Frequency of Offering: Every semester

Projected enrollment: 1 student/internship

Rationale: The M.A. program in Cinema Studies and the M.F.A. program in Cinema Arts are dedicated to providing students with practical, real-world experience in their fields of interest. The graduate program's location at Steiner Studios offers students enrolled in both the M.A. and M.F.A. programs exposure to film shoots and the administrative offices for a variety of long- and short-form media productions, providing important points of contact for students interested in a career in the film industry. In addition, Cinema Studies students will have the ability to gain important curatorial and writing experience through a variety of institutions and venues across the city's five boroughs. Students will be expected to keep a log of internship responsibilities and produce an end-of-semester report once the internship has been completed.

Clearances: None

SECTION A-IV: NEW COURSE

Department of Film

Date of approval by department: March 8, 2016

Effective Date: Fall 2016

FILM 7921G Special Topics in Cinema Arts 1

4 hours; 3 credits

Bulletin Description: Focused exploration of topics in directing, cinematography, post-production, screenwriting, producing, or digital animation and visual effects. May include hands-on production, or research. Course content varies from term to term. Students may not repeat topics.

Prerequisite: Matriculation for the M.A. in Cinema Studies or for the M.F.A. in Cinema Arts or permission of the deputy chairperson.

Frequency of offering: Every semester

Projected enrollment: 10-14 students

Clearances: None

Rationale: A special topics course will allow instructors the freedom to explore new course topics, and expose students to more diverse subject areas and new fields of inquiry not yet represented in our regular course offerings.

SECTION A-IV: NEW COURSE

Department of Film

Date of approval by department: March 8, 2016

Effective Date: Fall 2016

FILM 7922G Special Topics in Cinema Arts 2

4 hours; 3 credits

Bulletin Description: Focused exploration of topics in directing, cinematography, post-production, screenwriting, producing, or digital animation and visual effects. May include hands-on production, or research. Course content varies from term to term. Students may not repeat topics.

Prerequisite: Matriculation for the M.A. in Cinema Studies or for the M.F.A. in Cinema Arts or permission of the deputy chairperson.

Frequency of offering: Every semester

Projected enrollment: 10-14 students

Clearances: None

Rationale: A special topics course will allow instructors the freedom to explore new course topics, and expose students to more diverse subject areas and new fields of inquiry not yet represented in our regular course offerings.

SECTION A-IV: NEW COURSE

Department of Film

Date of approval by department: March 8, 2016

Effective Date: Fall 2016

FILM 7923G Special Topics in Cinema Arts 3

4 hours; 3 credits

Bulletin Description: Focused exploration of topics in directing, cinematography, post-production, screenwriting, producing, or digital animation and visual effects. May include hands-on production, or research. Course content varies from term to term. Students may not repeat topics.

Prerequisite: Matriculation for the M.A. in Cinema Studies or for the M.F.A. in Cinema Arts or permission of the deputy chairperson.

Frequency of offering: Every semester

Projected enrollment: 10-14 students

Clearances: None

Rationale: A special topics course will allow instructors the freedom to explore new course topics, and expose students to more diverse subject areas and new fields of inquiry not yet represented in our regular course offerings.

SECTION A-IV: NEW COURSES

Department of Finance

Date of departmental approval: March 8, 2016

Effective date: Spring 2017

FINC 7290G Independent Research and Financial Analysis

Independent research; 3 credits

Minimum of 135 hours of independent reading and financial analysis supervised by a faculty member. One or more written reports and/or final examination

Prerequisite: permission of the chairperson or the chairperson's designee

Contact hours:

Frequency of offering: twice a year

Projected enrollment: 10 students

Clearances: none.

Rationale:

Department of Finance started in Fall 2015 and we currently do not have any graduate level independent study course listed in the bulletin. In order to allow graduate students do independent research in financial analysis, our department should be prepared to offer an independent study course. The department goal addressed by this course is to provide graduate students with opportunities to engage in financial research projects at an advanced level. The objective of this course is to apply financial theories to graduate level financial research projects. The outcomes anticipated for this course is enhanced understanding of finance theories and its application to financial management and investments decision making.

SECTION A-IV: NEW COURES

Department of School Psychology, Counseling, and Leadership

Date of departmental approval: March 8, 2016

Effective Date: Fall 2016

SPCL 7777X Considerations for Interviewing Children and Youth with Disabilities

1 credit; 15 hours

Bulletin Description

Approaches for interviewing children and youth with disabilities for various purposes, including forensic and clinical contexts. Special focus on knowledge and skills needed for enhanced interviewing success across three areas: Pre-interview data gathering phase; interview preparation; and conducting the interview. Emphasis is placed on assessing personal beliefs, experience and comfort level in relation to engaging with individuals with disabilities. Identification of needed environmental supports and further skill development, including alternative and augmentative communication methods. Analysis of case studies.

Prerequisite: Permission of Chair or Coordinator

Frequency of Offering: one section every semester

Projected enrollment: 20 students per section

Clearances: None

Rationale

Current policies and certifications across multiple disciplines mandate or strongly encourage greater knowledge and skill development for professionals who are involved in intervening in various ways involving children and youth across disabilities. Enhancement of knowledge and acquisition of relevant skills are critical for all who are in a position to provide advocacy, protection, or support for individuals who may need adaptations in order to provide the quality intervention. Professionals in many of these fields do not have sufficient experience or training to effectively intervene on behalf of individuals with disabilities. This course provides guidelines to consider for interviewers working with individuals with diverse needs including communication and environmental factors that may affect the quality of responses.

SECTION A-V: CHANGES IN AN EXISTING COURSE

Conservatory of Music

Change in title and description

From:

MUSC 7860X History of Jazz

45 hours; 3 credits

Bulletin Description

Survey of styles, genres, and forms of jazz from its origin to ~~the present~~.

Analysis of selected works.

Prerequisite: Music U7400G [740G] or the equivalent.

TO:

MUSC 7860X History of Jazz I

45 hours; 3 credits

Bulletin Description

Survey of styles, genres, and forms of jazz from its origin to 1950.

Analysis of selected works.

Prerequisite: Music U7400G [740G] or the equivalent.

Clearances sought: none

Rationale:

Adequate coverage of the entire 100+ year sweep of jazz history has become impossible in one 14-week term, especially as the genre has become more and more widely defined. Dividing the upper-level undergraduate jazz history course into two sections will allow more concentrated study on important issues, musicians, and styles. In addition, this course will view jazz as a global phenomenon, in keeping with the Conservatory's burgeoning interest in global jazz studies.

Date of departmental approval: Oct. 12, 2015

Effective date: Fall 2016

SECTION A-V: CHANGES IN AN EXISTING COURSE

Change in the calculation of class hours

Department of English

FROM:

ENGL 7506X Practicum in Teaching College-level English Composition
30 hours; ~~2 hours lecture + 2 hours lab~~; 3 credits

Theory and practice of teaching basic writing and English composition at the college level, and such related issues as evaluation, testing, invention, and rhetorical forms. Observation of and practice in teaching (planning lessons, evaluating and responding to student writing, discussion of readings, and tutoring) an undergraduate composition course (English 1010 [1] or 1012 [2]) as a tutor-intern for one class session (75 minutes per week) while mentored by an experienced composition teacher required.

TO:

ENGL 7506X Practicum in Teaching College-level English Composition
30 hours plus conference; 3 credits

Theory and practice of teaching basic writing and English composition at the college level, and such related issues as evaluation, testing, invention, and rhetorical forms. Observation of and practice in teaching (planning lessons, evaluating and responding to student writing, discussion of readings, and tutoring) an undergraduate composition course (English 1010 [1] or 1012 [2]) as a tutor-intern for one class session (75 minutes per week) while mentored by an experienced composition teacher required.

Rationale:

Implementation of CUNYFirst triggered a supplemental charge of \$65 for the fourth contact hour represented by the 2 hours lecture + 2 hours lab. It is more accurate to represent the commitment students make in addition to the 30 hours in class as a conference hour, an uncompensated internship experience of 75 minutes per week in the classroom of a Composition instructor.

Effective date: Fall 2016

Date of approval by department: March 8, 2016

SECTION: A-V CHANGES IN EXISTING COURSES

Department of Film: Feirstein Graduate School of Cinema

Change in title of course and modification of course content

From:

FILM 7303G ~~Reading (Screen)writers~~

60 hours; 3 credits

Bulletin Description: ~~Formal analysis of the aesthetic implications of narrative film techniques and styles. Application of various critical perspectives. Bibliographical sources and research methods.~~

To:

Screenwriters Symposium

60 hours; 3 credits

Bulletin Description: This course allows students to gain an understanding of different aspects of a screenwriter's professional life and to examine the "real world" process of taking a project from initial idea to screen.

Prerequisite: Matriculation for the M.A. in Cinema Studies, the M.F.A. in Cinema Arts, or permission of the program director.

Rationale: This course evolves from the ideas behind the previous "Reading (Screen)Writers" course, maintaining the original elements aimed at developing the critical reading of screenplays, while reinforcing the framing of those skills within the realities of professional practice and their application to the student's own projects.

Date of departmental approval: March 8, 2015

SECTION A-V: CHANGES IN EXISTING COURSE

Department of Film: Feirstein Graduate School of Cinema

Change in title of a course

From:

~~FILM 7943G Digital Arts Thesis Project Development~~

60 hours; 3 credits

Bulletin Description: Create the pre-production materials and production plan for the final Digital Animation & VFX Thesis Project. The pre-production materials include a final script, storyboards, storyboard animatic, design frames, references, and a substantive prototype of the project. The production plan includes a detailed schedule and production pipeline.

Prerequisite: Matriculation in the M.F.A. or permission of the Director.

Clearances: Art, TV/Radio. PIMA

To:

FILM 7943G Digital Animation & VFX Thesis Project Development

60 hours; 3 credits

Bulletin Description: Create the pre-production materials and production plan for the final Digital Animation & VFX Thesis Project. The pre-production materials include a final script, storyboards, storyboard animatic, design frames, references, and a substantive prototype of the project. The production plan includes a detailed schedule and production pipeline.

Prerequisite: Matriculation in the M.F.A. or permission of the Director.

Rationale: This is a correction to the title of the course incorrectly given in CD-230.

Date of departmental approval: March 8, 2016

Effective date: Fall 2016 semester

SECTION A-V: CHANGES IN AN EXISTING COURSE

Department of Film: Feirstein Graduate School of Cinema

Change in title of a course

From:

~~FILM 7955G Digital Arts Thesis 1~~

60 hours; 3 credits

Bulletin Description: Students in the Digital Animation & Visual Effects discipline will begin full production on their Thesis Project, building on the foundation of the pre-production materials and production plan from the Thesis Development course. The Thesis Project must demonstrate exceptional ability with craft and technique to create a work of originality and imagination within the chosen area of specialization.

Prerequisite: Thesis Project Development

To:

FILM 7955G Digital Animation & VFX Thesis 1

60 hours; 3 credits

Bulletin Description: Students in the Digital Animation & Visual Effects discipline will begin full production on their Thesis Project, building on the foundation of the pre-production materials and production plan from the Thesis Development course. The Thesis Project must demonstrate exceptional ability with craft and technique to create a work of originality and imagination within the chosen area of specialization.

Prerequisite: Thesis Project Development

Rationale: This is a correction to the title of the course incorrectly given in CD-230.

Date of departmental approval: November 10, 2015

Effective date: Fall 2016 semester

SECTION A-V: CHANGES IN EXISTING COURSES

Department of Film: Feirstein Graduate School of Cinema

Change in title of a course

From:

~~**FILM 7965G Digital Arts Thesis 2**~~

120 hours; 6 credits

Bulletin Description: Students in the Digital Animation & VFX discipline will complete final production of their Thesis Project, including a final soundtrack. The Thesis Project must demonstrate exceptional ability with craft and technique to create a work of originality and imagination within the chosen area of specialization.

Prerequisite: Digital Animation & VFX Thesis 1

To:

FILM 7965G Digital Animation & VFX Thesis 2

120 hours; 6 credits

Bulletin Description: Students in the Digital Animation & VFX discipline will complete final production of their Thesis Project, including a final soundtrack. The Thesis Project must demonstrate exceptional ability with craft and technique to create a work of originality and imagination within the chosen area of specialization.

Prerequisite: Digital Animation & VFX Thesis 1

Rationale: This is a correction to the title of the course incorrectly given in CD-230.

Date of departmental approval: November 10, 2015

Effective date: Fall 2016 semester

SECTION A-V: CHANGE IN AN EXISTING COURSE

Department of Health & Nutrition Sciences

Change in Pre-requisite

Date of departmental approval: March 8, 2016

Effective date of change: Fall, 2016

From:

HNSC 7935X Research Seminar II

45 hours; 3 credits

Examination of quantitative and qualitative techniques appropriate for research in the health sciences. Class discussions of each student's efforts in developing a master's thesis. Not open to students who are enrolled in or have completed Health and Nutrition Sciences 7940X [791.3X] or 7950X [797.1X].

Prerequisite: Health and Nutrition Sciences 7930X [791.1X], and a GPA of 3.00 (B) or better in graduate courses completed to date.

To:

HNSC 7935X Research Seminar II

45 hours; 3 credits

Examination of quantitative and qualitative techniques appropriate for research in the health sciences. Class discussions of each student's efforts in developing a master's thesis. Not open to students who are enrolled in or have completed Health and Nutrition Sciences 7940X or 7950X.

Prerequisite: Health and Nutrition Sciences 7930X [791.1X] or 7931X, and a GPA of 3.00 (B) or better in graduate courses completed to date

Rationale:

Students in the M.S. program in Nutrition now take the required course HNSC 7931X instead of HNSC 7930X. Both courses serve as an introduction to research design. This change makes it clear that students in the M.S. in Nutrition can use their program's course in research design as the prerequisite.

SECTION A-V: CHANGE IN AN EXISTING COURSE

Department of Health & Nutrition Sciences

Change in Pre-requisite

Date of departmental approval: March 8, 2016

Effective date of change: Fall, 2016

From:

HNSC 7999X Thesis Research

Hours to be arranged; 3 credits

Research for master's thesis supervised by a faculty member. Credit is not earned until the thesis is accepted. Students register for this course only once.

Prerequisite: permission of the deputy chairperson.

To:

HNSC 7999X Thesis Research

Hours to be arranged; 3 credits

Research for master's thesis supervised by a faculty member. Credit is not earned until the thesis is accepted. Students register for this course only once.

Prerequisite: HNSC 7931X or permission of the deputy chairperson

Rationale: HNSC 7931X, Principles of Nutrition Research, prepares students to design the thesis project and so should be completed before officially working on the master's thesis. It is already a required course in the graduate program in Nutrition.

SECTION A-V: CHANGE IN AN EXISTING COURSE

Department of Health & Nutrition Sciences

Change in Pre-requisite

Date of departmental approval: March 8, 2016

Effective date of change: Fall, 2016

From:

HNSC 7212X ~~Recent Developments in Nutrition~~

45 hours; 3 credits

Critical examination of current literature and scientific research in nutrition. Impact of current nutritional developments relating to individual, family, and community well-being.

Prerequisite: ~~a graduate course in nutrition and a course in physiology and a course in statistics or permission of the chairperson.~~

To:

HNSC 7212X Evaluating Nutrition Research

45 hours; 3 credits

Critical examination of current literature and scientific research in nutrition. ~~Impact~~ Implications of current nutritional developments relating to individual, family, and community well-being.

Prerequisite: Courses in biochemistry, medical nutrition therapy and statistics, or permission of the chairperson.

Rationale:

The previous statement of course prerequisites prevents students who are matriculated in the program from taking HNSC 7212X during their first semester. However, the course addresses skills necessary throughout the program; students have reported that they would have benefitted from having the course during their first semester. The revised list of prerequisites would allow students to take the course in the first semester, while assuring that only students who had completed program prerequisites would be able to enroll. The name change is being made to avoid confusion with another HNSC course (Recent Trends in Nutrition), and the description has been tweaked to more accurately reflect the course objective.

SECTION A-VI: OTHER CHANGES

Department of English

Withdrawal of a course

~~CMLT 7701X: Studies in Literary Periods~~

~~30 hours plus conference; 3 credits~~

~~Bulletin Description~~

~~A single period, chosen from classical antiquity to the twentieth century, is studied intensively. The topic is announced each term.~~

Rationale: This course was effectively eliminated from the English graduate curriculum during a revision in Spring 2015 (effective September 1, 2015) that eliminated all Area 7 courses.

Effective Date: Fall 2016

SECTION A-VI: OTHER CHANGES

Department of English

Withdrawal of a course

~~CMLT 7702X: Studies in Literary Genres~~

~~30 hours plus conference; 3 credits~~

~~Bulletin Description~~

~~Theory or history of a single literary genre, such as the epic, the drama, the lyric, the novel, is studied intensively. The topic is announced each term~~

Rationale: This course was effectively eliminated from the English graduate curriculum during a revision in Spring 2015 (effective September 1, 2015) that eliminated all Area 7 courses.

Effective Date: Fall 2016

SECTION A-VI: OTHER CHANGES

Department of English

Withdrawal of a course

~~CMLT 7703X: Studies in Special Authors~~

~~30 hours plus conference; 3 credits~~

~~Bulletin Description~~

~~An individual author in his or her international context. The author is announced each term.~~

Rationale: This course was effectively eliminated from the English graduate curriculum during a revision in Spring 2015 (effective September 1, 2015) that eliminated all Area 7 courses.

Effective Date: Fall 2016

SECTION A-VI: OTHER CHANGES

Department of English

Withdrawal of a course

~~ENGL 7720X: Seminar in Textual Analysis~~

~~30 hours plus conference; 3 credits~~

~~Bulletin Description~~

~~Intensive study in selected texts. Selection of authors varies from year to year at the discretion of the instructor. Seminars are offered as follows: 7120X [791X], area 1; 7220X [792X], area 2; 7320X [793X], area 3; 7420X [794X], area 4; 7520X [795X], area 5; 7620X [795.6X], area 6; 7720X [795.7X], area 7. With the permission of the graduate deputy, students may take a seminar in the same area twice if the topics are different~~

Rationale: This course was effectively eliminated from the English graduate curriculum during a revision in Spring 2015 (effective September 1, 2015) that eliminated all Area 7 courses.

Effective Date: Fall 2016

SECTION A-VI: OTHER CHANGES

Department of History

Withdrawal of a course

Date of Department Approval: February 16, 2016

~~HIST 7710X Colloquium in Medieval History~~

~~30 hours plus conference; 3 credits~~

~~Critical readings, discussions, and analytical papers on significant works and/or research papers in European history from the fifth through the fifteenth century.~~

Rationale: At one time, the department's colloquia were upper-level courses that students in the program were required to take. But since the colloquia now function like the department's other courses and are no longer required, they do not fulfill a useful function in the curriculum.

SECTION A-VI: OTHER CHANGES

Department of History

Withdrawal of a course

Date of Department Approval: February 16, 2016

~~HIST 7720X Colloquium in Early Modern European History~~

~~30 hours plus conference; 3 credits~~

~~Critical readings, discussions, and analytical papers on significant works and/or research papers in European history from the fifteenth through the eighteenth century.~~

Rationale: At one time, the department's colloquia were upper-level courses that students in the program were required to take. But since the colloquia now function like the department's other courses and are no longer required, they do not fulfill a useful function in the curriculum.

SECTION A-VI: OTHER CHANGES

Department of History

Withdrawal of a course

Date of Department Approval: February 16, 2016

~~HIST 7730X Colloquium in Modern and Recent European History~~

~~30 hours plus conference; 3 credits~~

~~Critical readings, discussions, and analytical papers on significant works and/or research papers in European history from the end of the eighteenth century to the twenty-first century.~~

Rationale: At one time, the department's colloquia were upper-level courses that students in the program were required to take. But since the colloquia now function like the department's other courses and are no longer required, they do not fulfill a useful function in the curriculum.

SECTION A-VI: OTHER CHANGES

Department of History

Withdrawal of a course

Date of Department Approval: February 16, 2016

~~HIST 7740X Colloquium in Early American History~~

~~30 hours plus conference; 3 credits~~

~~Critical readings, discussions, and analytical papers on significant works and/or research papers in American history from the colonial to the early U.S. Republic.~~

Rationale: At one time, the department's colloquia were upper-level courses that students in the program were required to take. But since the colloquia now function like the department's other courses and are no longer required, they do not fulfill a useful function in the curriculum.

SECTION A-VI: OTHER CHANGES

Department of History

Withdrawal of a course

Date of Department Approval: February 16, 2016

~~HIST 7750X Colloquium in Nineteenth-Century American History~~

~~30 hours plus conference; 3 credits~~

~~Critical readings, discussions, and analytical papers on significant works and/or research papers in U.S. history during the nineteenth century.~~

Rationale: At one time, the department's colloquia were upper-level courses that students in the program were required to take. But since the colloquia now function like the department's other courses and are no longer required, they do not fulfill a useful function in the curriculum.

SECTION A-VI: OTHER CHANGES

Department of History

Withdrawal of a course

Date of Department Approval: February 16, 2016

~~HIST 7760X Colloquium in Twentieth-Century American History~~

~~30 hours plus conference; 3 credits~~

~~Critical readings, discussions, and analytical papers on significant works and/or research papers in United States history since 1900.~~

Rationale: At one time, the department's colloquia were upper-level courses that students in the program were required to take. But since the colloquia now function like the department's other courses and are no longer required, they do not fulfill a useful function in the curriculum.

SECTION A-VI: OTHER CHANGES

Department of History

Withdrawal of a course

Date of Department Approval: February 16, 2016

~~HIST 7770X Colloquium in Asian History~~

~~30 hours plus conference; 3 credits~~

~~Critical readings, discussions, and analytical papers on significant works and/or research papers in comparative Asian history.~~

Rationale: At one time, the department's colloquia were upper-level courses that students in the program were required to take. But since the colloquia now function like the department's other courses and are no longer required, they do not fulfill a useful function in the curriculum.

SECTION A-VI: OTHER CHANGES

Department of History

Withdrawal of a course

Date of Department Approval: February 16, 2016

~~HIST 7780X Colloquium in Middle Eastern History~~

~~30 hours plus conference; 3 credits~~

~~Critical readings, discussions, and analytical papers on significant works and/or research papers in Middle Eastern History.~~

Rationale: At one time, the department's colloquia were upper-level courses that students in the program were required to take. But since the colloquia now function like the department's other courses and are no longer required, they do not fulfill a useful function in the curriculum.

APPENDIX – SPECIAL TOPICS

Conservatory of Music

Date of Departmental Approval: March 8, 2016

First offering: Summer II 2016

MUSC U7632G Special Topics Seminar: Theory: Making Beats

45 hours; 3 credits

Bulletin Description: A comprehensive study of contemporary music production strategies, as well as a survey of canonical production tools and techniques placed in historical context. Topics to be covered include sampling and sequencing, drum machine programming, and practical approaches to synthesis, sound design, mixing and arranging.

Prerequisite: MUSC 3260 and permission of the director

Projected enrollment: 15 students per semester

Clearances: None

Rationale:

Recorded music and audio permeates contemporary society. This course will introduce students to fundamental ideas and practical knowledge required for them to make audio recordings of music and mix the results into a professional, finished work.

APPENDIX

SPECIAL TOPICS

Department of Psychology

Date of departmental approval: March 8th, 2016

Psychology 7709G Special Topics in Experimental Psychology

45 hours; 3 credits

Bulletin Description as currently listed: Topics vary from term to term

Title of the Special Topic: Close Relationships

Semester Offered: Fall 2016

Course Description: Survey of close relationship processes. Review of relationship science from evolutionary, cognitive, developmental, biological and cultural perspectives.

Prerequisites: None

Projected Enrollment: One section of 25 students

Clearances: None

Rationale: This course will serve as an elective for students in the Psychology master's program in Experimental Psychology. This course will familiarize students with theories and research in relationship processes. Topics will pertain to the initiation of relationships (e.g., attraction, first impressions), the development and maintenance of relationships (e.g., emotion regulation, love, intimacy, attachment, interdependence), the deterioration of relationships (e.g., conflict, violence), and the impact of relationships on health and well-being, among others. The study of relationships is a well-established and fast-growing area of research in experimental psychology and spans several domains including cognitive, social, developmental and clinical psychology.

APPENDIX

SPECIAL TOPICS

Department of Psychology

Psychology 7709G Special Topics in Experimental Psychology

45 hours; 3 credits

Bulletin Description

Topics vary from term to term

Title of the Special Topic: Neurocriminology

Semester Offered: Fall 2016

Course Description: This broad course argues that answers to questions on the etiology of violence, antisocial behavior, and psychopathy lie significantly in neurobiological and genetic factors, processes which until relatively recently have been either suppressed or ignored. The classes over the course of the semester will focus on a *clinical neuroscience* approach to understanding violence, an approach in which the key tools of neuroscience – neuroanatomy, neurophysiology, neuropsychology, neuroendocrinology, neuropharmacology, molecular and behavioral genetics – will be used to help understand the etiology of violence. The focus will not just be on violence, but will also include related clinical and legal concepts of crime, psychopathy, aggression, conduct disorder, oppositional defiant disorder, antisocial personality disorder, and delinquency. Students will read the primary literature in the neuroscience of antisocial behavior, participate in guided discussion, and undertake individual literature research aimed at understanding the etiology of violence.

Prerequisites: None

Projected Enrollment: One section of 25 students

Clearances: None

Rationale: This course will serve as an elective course for students in the Psychology Master's program in Experimental Psychology. The causes of violence are complex and multifaceted. Consequently, a clinical neuroscience approach to violence must take into account multiple biological processes, including evolutionary, genetic, neurochemical, hormonal, psychophysiological, neuropsychological, brain imaging, obstetrics, health, medical, and environmental factors. Rather than being exhaustive, the course attempts to sift the existing literature and select the strongest, most interesting, and compelling examples of the neurobiological correlates of violence.