

BROOKLYN COLLEGE
OF
THE CITY UNIVERSITY OF NEW YORK
FACULTY COUNCIL

Meeting of 2/14/2017

The Committee on Graduate Curriculum and Degree Requirements herewith submits its
recommendations in Curriculum Document 238

Respectfully submitted,

Beth Evans – Library, Chairperson
Min Hee Go – Political Science
Wen-Song Hwu – Child, Bilingual and Special Educations
Daniel Kurylo - Psychology
Paula Massood - Film

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/NEW PROGRAMS
Conservatory of Music

Date of departmental approval: Dec. 5, 2015

Effective date: Fall 2017

MM IN GLOBAL AND CONTEMPORARY JAZZ STUDIES

HEGIS code to be assigned; NYS SED program code to be assigned

Introduction/Explanation. This 35-credit Master of Music degree program in Global and Contemporary Jazz Studies is intended to offer musicians and educators who already hold a BA in Music from an accredited institution (or a non-music Bachelor's degree with comparable musical experience) advanced training in jazz performance, history, arranging/theory, pedagogy, technology, and music industry practice. The program's unique focus will be on the intersection of various forms of jazz originating in the United States with the music of Africa, Latin America, the Caribbean, the Mid-East, and southern Asia. In addition to offering traditional approaches to jazz performance practice, theory, and history, our global scope will emphasize rhythm configurations, tonal systems, and improvisation practices not associated with European-based music. The proposed MM will take maximum advantage of existing faculty and courses already offered through the Conservatory but will expand its ensembles, orchestras, and adjunct faculty.

Matriculation requirements: Applicants for this MM program must have completed a BA in Music from an accredited institution, or a non-music Bachelor's degree with comparable musical experience. Applicants must pass an audition at the time of application, demonstrating proficiency on their instrument/voice and familiarity with jazz idioms. General matriculation and admission requirements of the Division of Graduate Studies are in the section "Admission" of the Graduate Bulletin.

Degree requirements (35 credits)

- a) All of the following (9 credits): MUSC 7791X, MUSC 7792X, MUSC 7793X
- b) At least 5 credits from the following courses: MUSC 7780X, MUSC 7781X
- c) At least 6 credits from the following courses: MUSC U7540X, MUSC 7545X, MUSC 7380X, MUSC 7546X, MUSC 7855X
- d) At least 6 credits from the following courses: MUSC 7860X, MUSC 7861X, MUSC 7851X, MUSC 7651X
- e) At least 3 credits from the following courses: MUSC 7190X, MUSC 7441X
- f) At least 3 additional graduate-level credits of electives approved by the program Director.

Additional requirements for a MM degree

All students in this program must meet with faculty for a formal progress evaluation. This will occur for full-time students near the end of their second semester in the program.

All candidates for this degree must complete a 3-credit capstone project, MUSC U7950G Master's Recital or MUSC U7930X Thesis Research.

Rationale: The goal of the MM program is to expand and deepen the Conservatory's commitment to jazz studies and its ongoing relationship with the Brooklyn jazz community. Working primarily with existing fulltime faculty, and an expanded roster of select adjuncts drawn from New York's pool of world-class jazz musicians, the program will provide a unique experience in jazz studies. In addition to standard offerings in jazz history, theory/arranging, and ensemble playing, significant emphasis will be placed on acquiring practical knowledge and skills related to concert production, promotion, management, grant writing and fund raising, music technology, and pedagogy.

This new MM program will address the same graduate goals as the Conservatory's existing MM-Performance program, including:

- A. Development of the depth and breadth of their musicianship;
- B. Demonstrated acquaintance with a broad range of repertoire for one's primary instrument or voice;
- C. Extensive experience with both small and large ensembles playing at an advanced level.

Courses for the MM in Global and Contemporary Jazz will also have these additional, programmatic goals:

- A. Develop familiarity with improvisational techniques from both American jazz and various global traditions.
- B. Establish familiarity with the major periods, styles, genres, trends, and cultural contexts associated with the history of jazz from 1900-present.
- C. Develop a practical understanding of a variety of non-Western rhythmic systems.
- D. Develop facility with both traditional and non-Western harmonic and scalar techniques in improvisation.
- E. Develop skills in jazz arranging and composition.
- F. Establish a foundation for teaching jazz at secondary and college levels.

Each semester students will demonstrate their advancement in musicianship to a panel (jury) of the jazz faculty. Each year the Conservatory faculty will assess achievement in one of the above six programmatic goals (A-F) by collecting relevant data from students and faculty and then make any necessary curricular adjustments that are warranted.

APPENDIX

New Graduate Courses for MM in Global and Contemporary Jazz Studies

(all approved by FC as of Oct. 2016)

MUSC U7540X Fundamentals of Jazz Theory (3 credits)
MUSC 7545X Contemporary Jazz Theory and Musicianship (3 credits)
MUSC 7380X Jazz Arranging and Orchestration (3 credits)
MUSC 7546X Jazz Composition (3 credits)
MUSC 7855X Global Improvisation (3 credits)
MUSC 7860X History of Jazz I (3 credits)
MUSC 7861X History of Jazz II (3 credits)
MUSC 7851X Music of the World's People (3 credits)
MUSC 7190X Jazz Pedagogy (3 credits)
MUSC 7441X Introduction to Music Business & Marketing (3 credits)

Existing Graduate Courses for MM in Global and Contemporary Jazz Studies

MUSC 7791X Performance I (3 credits)
MUSC 7792X Performance II (3 credits)
MUSC 7793X Performance III (3 credits)
MUSC 7780X Jazz Big Band (1 credit)
MUSC 7781X Small Ensemble Jazz (1 credit)
MUSC U7950G Master's Recital (3 credits)
MUSC U7930X Thesis Research (3 credits)

(Electives: 3 credits)

SECTION A-III: CHANGES IN DEGREE REQUIREMENTS
Department of Computer and Information Science

Date of departmental approval: December 6, 2016

Effective Date of the Change: Fall, 2017

M.S. degree program in health informatics
HEGIS code 0799; SED program code 86190

The master of science health informatics program focuses on the use of technology in a wide range of health care and medical services.

Matriculation requirements

Applicants must offer at least 18 credits in undergraduate or graduate courses in health and nutrition sciences and/or health-related fields. Applicants are also expected to have the equivalent of at least 12 credits in computer and information science, including all of the following: knowledge of a high-level computer language (preferably C++ or Java), a course in discrete structures and a course in data structures. Students who do not have all of these requirements may be accepted with the condition that they complete these courses at the undergraduate level.

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

Degree requirements

Thirty credits are required for the degree.

Students must complete the following courses:

1. One course chosen from Computer and Information Science ~~7200X, 7354X, 7320X, 7522X, 7532X~~ and 7534X;

2. Computer and Information Science 7500X, 7510X, 7530X and 7450X;

3. One additional Computer and Information Science course numbered 7000 or above;

4. Three courses chosen from Health and Nutrition Sciences 7110X, 7120X, ~~7130~~, 7140X, ~~7144X~~ and ~~7145X~~ 7150X, and Kinesiology 7000X, 7044X, 7100X and 7342X;

5. Students must also complete one of the following:

a) Computer and Information Science 7990G and a thesis acceptable to the Department of Computer and Information Science; or

b) Computer and Information Science 7900X and a project acceptable to the Department of Computer and Information Science or Kinesiology 7990X and a project acceptable to the Department of Kinesiology, with the approval of the Chair or Graduate Deputy of the Department of Kinesiology.

c) Computer and Information Science 7980X and an internship acceptable to the Department of Computer and Information Science.

Rationale

The changes in the degree requirements are necessitated to correct some errors in the Graduate Bulletin and due to the withdrawal of several classes by the Department of Health and Nutrition Sciences. HNSC 7130X, Fundamentals of Environmental Health, and HNSC 7145X, Human Resources Management in Health Care, will no longer be offered. After conferring with the Health and Nutrition Department, the courses HNSC 7144, Health Economics, and HNSC 7150, Fundamentals of Biostatistics have been added as alternative courses which assist with the Learning Outcomes of the degree.

CISC 7200 was removed as a group 1 course because it did not satisfy any the Learning Outcomes. CISC 7354X is removed because it is being withdrawn as a graduate course. An important internship course, CISC 7980, was added as an alternative group 5 choice. The internship allows students to demonstrate the practical competencies that they have learned.

Program Goals:

1. Understand project management and system analysis in health-related environments
2. Understand database, expert/decision support systems and computer-based communication in health-related environments
3. Understand computer security especially in a health-related domain
4. Understand the needs of health-related environments for computer-based reporting, and epidemiological analysis
5. Understand laws and regulations relating to health policies
6. Understand clinical and non-clinical care organizations structure

Learning Outcomes:

Knowledge

1. How computer-based communication works
2. Aware of major regulations relating to health care and privacy
3. Aware of major software applications available for expert/decision support systems
4. Aware of the organizational structure of health care providers

Practical Competencies

1. Be able to participate in the management of a small project
2. Be able to set up and program databases and use standard network application software
3. Be able to recommend appropriate software for application and communication security

III. Program Curriculum Map

Learning Outcomes

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Learning Outcome	Type of assessment	Type of measure
K1 – how computer-based communication works	Final exam Thesis topic	Direct Indirect
K2 – Aware of major regulations relating to health care and privacy	Final exam Thesis topic	Direct Indirect
K3 – Aware of major software applications available for expert/decision support systems	Final exam Thesis topic Internship usage	Direct Indirect Direct
K4 - Aware of the organizational structure of health care providers	Final exam Thesis topic	Direct Indirect
PC1 - Be able to participate in the management of a small project	Internship activity	Direct
PC2 - Be able to set up and program databases and use standard network application software	Final exam Internship activity	Direct Direct
PC3 - Be able to recommend appropriate	Final Exam	Direct

software for application and communication security	Internship activity	Direct
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The Health Informatics degree program has an advisory board made up of professionals working in health-related occupations. They actively participate in the evaluation of the goals and outcomes of the degree.

SECTION A-IV: NEW COURSE

Department of Sociology

Date of Approval by Department: September 6, 2016

Effective date: Fall 2017

SOC 7204X: Mapping Social Data

3 hours; 3 credits

Description

This course provides an introduction to methodological tools and sociological theories related to the use of spatial methods and mapping techniques for the analysis of social data. Topics covered include visualization and quantitative description of spatial data, Kriging, variogram modeling, point pattern analysis, global spatial regression, and locally weighted geographic regression models.

Prerequisite: SOC 7112G

Contact hours: 3

Frequency of Offering: Every other semester

Projected enrollment: 1 section of 25 students

Clearances: None

Rationale: This course builds on the current course offerings in the Sociology Department by adding an opportunity for students to better understand approaches to the acquisition, management, and analysis of spatially referenced social data. The course is considered to be an extension to the introductory statistical methods that are taught in the required quantitative courses in the program and a compliment to other advanced quantitative courses in the program.

SECTION A-V: CHANGE IN AN EXISTING COURSE

Department of Biology

From:

BIOL 7503X: Developmental Biology

4 hours, 4 Credits

Embryonic development of both invertebrates and vertebrates. Topics include transformation of a fertilized egg to a young animal, cell differentiation, formation of different organs/tissues, signal transduction during development, molecular bases of behavior and human disease models.

To:

BIOL 7503X: Developmental Biology

1 hour recitation, 3 hours lecture; 4 credits

Embryonic development of both invertebrates and vertebrates. Topics include transformation of a fertilized egg to a young animal, cell differentiation, formation of different organs/tissues, signal transduction during development, molecular bases of behavior and human disease models. (Not open to students who have completed BIOL 4011)

Rationale: The course credits are elaborated to reflect the course as it is currently taught, as part of an effort to streamline and update the biology curriculum. A clause is added to prevent students who have completed the undergraduate course to retake it as a graduate course.

Date of departmental approval: December 6, 2016

Effective date: Fall 2017