

BROOKLYN COLLEGE  
OF  
THE CITY UNIVERSITY OF NEW YORK  
FACULTY COUNCIL

Meeting of April 12, 2011

**REVISED**

The Committee on Undergraduate Curriculum and Degree Requirements herewith submits its recommendations in Curriculum Document 345.

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Note: All curriculum proposals will now include only new course numbers, wherever possible, with old numbers used only when there is no corresponding new number.

Respectfully submitted,

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## **SECTION A-I: SPECIAL ACTIONS**

### **Program in Children and Youth Studies**

SED program code: 33088

Whereas, the Program in Children's Studies is encountering numerous problems with the public's perception of the definition of "children," and

Whereas, not only do our students believe initially that the Program studies only little children, but also many of our colleagues, administrators, funding agencies etc. are under the same misapprehension, when, in fact, the Program deals with children through age 18, and

Whereas, there are precedents for including the term "youth" within our title (for example, the graduate program of "Children and Youth Studies" at Brock University in Canada),

Therefore, Be It Resolved that all programs and all courses at Brooklyn College heretofore offered under the rubric "Children's Studies" be renamed to "Children and Youth Studies". The course numbers and specific titles (i.e., "Children in Crisis") remain the same.

**Rationale:** The majority of people are unaware that persons in the real world are defined and treated by statutes and regulations as "children" until they reach the general age of majority -- in most instances 18-- and they cannot represent themselves. Although "Children's Studies" is an accurate title for our program, which encompasses the generational cohort from 0 - 18, clearly including adolescents under the definition of "children by adding "and Youth" in the title would help avoid semantic misunderstandings.

**Date of program approval:** February 8, 2011

**Date approved by the Office of the Provost:** March 9, 2011

**Effective Date:** Fall 2011

## **SECTION A-II: CHANGES IN GENERIC DEGREE REQUIREMENTS**

### **Change in Core Substitutions**

#### **Substitutions for Core Curriculum courses**

The Core Curriculum is a common-experience core. Students are excused from Core Curriculum courses only by virtue of completing a stipulated, more comprehensive or more advanced course or set of courses in the same area, or by having completed certain Core Studies courses at Brooklyn College before Fall 2006. Substitutions for certain Core courses for nontransfer students are permitted only as follows:

Core Curriculum 1110: Any two courses from Classics 3200, 3220, 3221, 3222, 3224, 3230, 3231, 3233, 4010, 4032.

Core Curriculum 1130: Music 3247

Core Curriculum 1210: One course from Philosophy 3111, 3112, 3113, 3114, 3121, 3122, 3123 or 3124; and one course from Philosophy 3305, 3306, 3320, 3401, 3410, 3420, 3501, 3703, 3704 or 3805; or completion of a major in philosophy.

Core Curriculum 1311 or 1312: Mathematics 1001 or 1011 or 1026 or any Mathematics course numbered 3 or higher; or Computer and Information Science 1000 or 1110.

Core Curriculum 1321 or 1322: Chemistry 1100 or 1040 or 2050 or Biology 1001 or 1002 or 1080 or 1081 or 2073.

Core Curriculum 1331 or 1332: Physics 1100 or 1112 or 1150 or 1190 or Geology 1100 or 1200.

An additional set of equivalents applies to transfer students. These will be found in the section “Transfer students” in this chapter.

Students registered in Brooklyn College international education programs (see the “International Education” section in the chapter “Special Programs and Opportunities” in this Bulletin) may have up to 7 credits earned in such programs applied to their Core Curriculum requirements according to the “General guidelines on Core equivalents for transfer students only” and “readmitted students.”

**Rationale:** Biology 1001 and 1002 are being added to the list of substitute courses for Core 1321 or 1322 since the introductory Biology sequence at Brooklyn College is now Biology 1001 and 1002.

**Date of approval by Department of Biology:** March 8, 2011

**Date of approval by Committee on Core Curriculum:** March 10, 2011

**Effective date:** Fall 2011

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## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Department of Anthropology and Archaeology

#### B.A. degree program in anthropology

HEGIS code 2202; SED program code 02102

#### Department requirements (~~36-39~~ 39-42 credits)

Anthropology 1000 (Introduction to Anthropology: Cultural and Linguistic) and 1002 (Introduction to Anthropology: Archaeology and Physical Anthropology).

One course chosen from: Anthropology 2400 ~~2401~~ (Introduction to Archaeology), or 2200 ~~2201~~ (Introduction to Physical Anthropology).

One course chosen from Anthropology 2100 ~~2101~~ (Introduction to Cultural Anthropology) or 2300 ~~2301~~ (Introduction to Linguistic Anthropology)

One field course chosen from: Anthropology 3470 (Summer Archaeological Field School (Intensive Program)), 3015 (~~Summer~~ Anthropology Abroad), 3480 (Intercession Archaeological Field School), 3475 (Archaeological Field School: Site Supervision), or 4110 (Summer Ethnographic Field School) or 4104 (Ethnographic Theory and Methods).

Anthropology 4000 (Senior Seminar in Anthropology).

Eighteen additional elective credits; 15 credits must be in courses numbered 3000 ~~40~~ and above. Students are required to concentrate in one or two of the subfields of anthropology (cultural, linguistic, physical anthropology, or archaeology). A concentration consists of three elective courses in one of these four areas. Local, national, and international field experiences are available during the winter and summer sessions.

#### Concentrators must take one of the following courses:

ANTH 3120 for cultural anthropology concentration;

ANTH 3301 for linguistic anthropology concentration;

ANTH 3240 or 3425 for physical anthropology concentration;

ANTH 3445 for archaeology concentration

**Rationale:** To regularize the numbering system, all introductory courses have been renumbered to start with XX00 instead of XX01. This applies to 1000 (from 1001), 2100 (from 2101), 2200 (from 2201), 2300 (from 2301), 2400 (from 2401).

An additional specific elective course in one of the subfields is required for concentrators. These courses are basic to the particular subfield, and will better prepare students for other electives and for field and graduate work. This adds an additional three credits to the total credits required for the major.

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**Date of departmental approval:** November 16, 2010

**Effective date:** Fall 2011

## **SECTION A-III: CHANGES IN DEGREE PROGRAMS**

### **Department of Art**

Creation of a new minor program

### **Minor in Studio Art**

#### **Program Requirements**

Twelve credits of studio art courses. All courses must be completed with a grade of C or higher. Prerequisites for entry to the minor are Core Curriculum 1120, Art 2210 and 2211.

**Rationale:** Brooklyn College currently has a minor in art history. Many students have asked if there is a minor in studio art. The purpose of the proposed minor in studio art is to meet student demand. The curriculum for the above minor in studio art would complement students' majors in art history, psychology, etc.

Date of department approval: December 9, 2010.

Effective date: Fall 2011

## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Department of Biology

#### B.A degree program in biology HEGIS code 0401

#### Department requirements (35-41.5 credits)

To enroll in any of the following courses--Biology 1002, 2074, 2071 or 2072W, 3002 or 3002W, and 3004--students must have completed the appropriate pre- or co-requisite courses with a grade of C- or better. A student with a grade of D+ or lower in any biology course applied toward fulfillment of department requirements must repeat the course until the grade of C- or higher is earned, or offer another course of equal or higher rank. Any substitution of courses must be approved by the chairperson or deputy chair for advising. at At least one course taken must be a writing intensive (W) course offered by the Department of Biology. Students who completed both Biology 1080 and 1081 before Fall 2010 may substitute them for Biology 1001 and 1002 in all degree requirements.

One of the following biology sequences, a), b), c), or d).

a) All of the following: Biology 1071 or 4019, 1072, 2073, 3006 or 3007W, 3001, 3003, 2011.

All of the following: Biology 2074, 2071 or 2072W, 3002 or 3002W, 3004.

At least 3 credits of the following: Biology 4001, 4002, 4011, 4010 or /Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4015, 4016, 4013, 4022, 3083, 5020, Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

b) All of the following: Biology 1001, 1002, 3001, 3002 or 3002W, 3003, 3004 ~~4016~~, 3006 or 3007W, 2011.

At least 5 credits of the following: Biology 4001, 4002, 4011, 2071 or 2072W, 4010; or Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4015, 4016, 4013, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

c) All of the following: Biology ~~4004~~, 1002, 1071, 1072, 3001, 3002 or 3002W, 3003, 3004, 3006 or 3007W, 2011.

At least 5 credits of the following: Biology 4001, 4002, 4011, 2071 or 2072W, 4010 or / Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4015, 4016, 4013, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

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d) All of the following: Biology 1001, 2073, 2074, 3001, 3002 or 3002W, 3003, 3004, 3006 or 3007W, 2011.

At least 5 credits of the following: Biology 4001, 4002, 4011, 2071 or 2072W, 4010 or /Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4013, 4015, 4016, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

One of the following chemistry sequences, a), b), c), or d):

- a) (Chemistry 1100, or 1050 and 2050), and 2500.
- b) (Chemistry 1100, or 1050 and 2050), and 2100 and 3510.
- c) (Chemistry 1100, or 1050 and 2050), 2100, 3510, and 3520.
- d) (Chemistry 1100, or 1050 and 2050), and 2100 and 2500.

Mathematics 1201.

### **Department recommendations**

Chemistry 3510 and 3520 and Physics 1100 and 2100 are required for some professional programs and are strongly recommended for prospective graduate students in biology.

Students who anticipate majoring in biology must see a departmental adviser before the end of the sophomore year in order to plan their programs.

### **Additional requirements for a B.A. degree**

Candidates for a B.A. degree with a major in biology must complete at least 18 credits in advanced courses in the Biology department or allowed electives in other departments as described above (not including Biology 1071 and 1072 OR Biology 1001). These 18 credits must be completed with a grade of C- or higher in each course, and 10 or more credits must be completed at Brooklyn College. Specific course requirements for a B.A. degree are described above.

**Rationale:** 1. This revision adds the new courses 3002W, 5003W, 5014W, 2020 or Psychology 2610, and 4013 to the list of approved courses for the degree requirements. This gives students more flexibility.  
2. This revision allows for previous general biology courses offered only for non-majors prior to the new introductory courses (both for majors and non-majors) to substitute for the equivalent new introductory courses in order to streamline the transition.

**Date of departmental approval:** March 8, 2011 and March 24, 2011

**Effective date:** Fall 2011

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### A-III: CHANGES IN DEGREE PROGRAMS

#### Department of Biology

##### B.S. program in biology

HEGIS code 0401

##### Department requirements (48-50.5 credits)

To enroll in any of the following courses--Biology 1002, 2074, 2071 or 2072W, 3002 or 3002W, and 3004--students must have completed the appropriate pre- or co-requisite courses with a grade of C- or better. A student with a grade of D+ or lower in any biology course applied toward fulfillment of department requirements must repeat the course until the grade of C- or higher is earned, or offer another course of equal or higher rank. Any substitution of courses must be approved by the chairperson or deputy chair for advising. At least one course taken must be a writing intensive (W) course offered by the department of Biology. Students who completed Biology 1080 and 1081 before fall 2010 may substitute them for Biology 1001 and 1002 in all degree requirements

One of the following biology sequences, a), b), c), or d):

a) All of the following: Biology 2073, 1072, 1071 or 4019, 3006 or 3007W, 3001, 3003, 2011.

All of the following: Biology 2074, 2071 or 2072W, 3002 or 3002W, 3004.

At least 6 credits of the following: Biology 4001, 4002, 4011, 4010 or ~~/~~Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4015, 4016, 4013, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

b) All of the following: Biology 1001, 1002, 3001, 3002 or 3002W, 3003, 3004, 3006 or 3007W, 2011.

At least 9 credits of the following: Biology 4001, 4002, 4011, 2071 or 2072W, 4010 or /Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4015, 4016, 4013, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

c) All of the following: Biology 1072, 1071, 1002, 3001, 3002 or 3002W, 3003, 3004, 3006 or 3007W, 2011

At least 9 credits of the following: Biology 4001, 4002, 4011, 2071 or 2072W, 4010 or /Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4015, 4016, 4013, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

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d) All of the following: Biology 1001, 2073, 2074, 3001, 3002 or 3002W, 3003, 3004, 3006 or 3007W, 2011.

At least 9 credits of the following: Biology 4001, 4002, 4011, 2071 or 2072W, Biology 2010, 4010 or /Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4015, 4016, 4013, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

All of the following: Chemistry 1100, or 1050 and 2050; 2100, 3510, 3520. Mathematics 1201

### **Department recommendation**

Students who anticipate majoring in biology must see a departmental adviser before the end of the sophomore year in order to plan their programs.

### **Additional requirements for a B.S. degree**

Candidates for a B.S. degree with a major in biology must complete at least 60 credits in science and mathematics; 24 of these 60 credits must be completed in advanced courses in the Biology Department or allowed electives in other departments as described above (not including 1071 and 1072 OR 1001). These 24 credits must be completed at Brooklyn College with a grade of C- or higher in each course. Specific course requirements for a B.S. degree are described above.

The following courses may be applied toward the 60 credits in science and mathematics:

A) All courses in the departments of biology, chemistry, computer and information science, earth and environmental sciences ~~geology~~, mathematics, physics and psychology.

B) Courses marked with a (\*) symbol in the Department of Health and Nutrition Sciences.

C) ---Anthropology and Archaeology 2200, 2201, 3230, 3240, 3250, 3260, 3199, 4665.  
---Core Studies 5, 5.1, 5.2, 7.1, 7.2, 8.1, 8.2.  
---Core Curriculum 1300 through 1399  
---Core Curriculum 3301 through 3399  
---Economics 3400, 4410, 3410, 4422.  
---Philosophy 3203, 3204, 3601.  
---Physical Education 3271, 3275, 3023, 4229, 4251.  
---Sociology 2701

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

**Rationale:** 1. This revision adds the new courses 3002W, 5003W, 5014W, 2020 or Psychology 2610, and 4013 to the list of approved courses for the degree requirements. This gives students more flexibility.  
2. This revision allows for previous general biology courses offered only for non-majors prior to the new introductory courses (both for majors and non-majors) to substitute for the equivalent new introductory courses in order to streamline the transition.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

### A-III: CHANGES IN DEGREE PROGRAMS

#### Department of Biology

#### **B.A. degree program in adolescence education: biology teacher HEGIS code 0401.01**

The School of Education and the Department of Biology jointly offer a program for students who plan to teach biology in grades 7 through 12. Additional information may be obtained from the School of Education or the Department of Biology.

Students should consult a counselor as early as possible to plan their program.

To enroll in any of the following courses--Biology 1002, 2074, 2071 or 2072W, 3002, and 3004,--students must have completed the appropriate pre- or co-requisite courses with a grade of C- or better. A student with a grade of D+ or lower in any biology course applied toward fulfillment of department requirements must repeat the course until the grade of C- or higher is earned, or offer another course of equal or higher rank. Any substitution of courses must be approved by the chairperson or deputy chair for advising. at least one course taken must be a writing intensive (W) course offered by the Department of Biology. Students who completed Biology 1080 and 1081 before fall 2010 may substitute them for Biology 1001 and 1002 in all degree requirements

#### **Program requirements (~~63–70 credits~~): (59-72 1/2 credits)**

All of the following: ~~Biology 2073, 1072, 4019, 3006, 3001, 3003, 2011.~~

All of the following: ~~Biology 2074, 2071, 3002, 3004.~~

One of the following: ~~Biology 4001, 16.1, 21.2, 23.1, 23.2, 3081, 4002, 26, 4011, 32.1, 39.1, 4012, 42.2, 3005, 3004, 57, 3082.~~

One of the following biology sequences, a), b), c), or d).

a) All of the following: Biology 1071 or 4019, 1072, 2073, 3006 or 3007W, 3001, 3003, 2011.

All of the following: Biology 2074, 2071 or 2072W, 3002 or 3002W, 3004.

At least 3 credits of the following: Biology 4001, 4002, 4011, 4010 or Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4015, 4016, 4013, 4022, 3083, 5020, or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

b) All of the following: Biology 1001, 1002, 3001, 3002 or 3002W, 3003, 3004, 3006 or 3007W, 2011.

At least 5 credits of the following: Biology 4001, 4002, 4011, 2071 or 2072W, 4010 or Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610,

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

Biology 4015, 4016, 4013, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

c) All of the following: Biology 1002, 1071, 1072, 3001, 3002 or 3002W, 3003, 3004, 3006 or 3007W, 2011.

At least 5 credits of the following: Biology 4001, 4002, 4011, 2071 or 2072W, 4010 or Computer and Information Science 2810, Biology 2010, 2020 or Psychology 2610, Biology 4015, 4016, 4013, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

d) All of the following: Biology 1001, 2073, 2074, 3001, 3002 or 3002W, 3003, 3004, 3006 or 3007W, 2011.

At least 5 credits of the following: Biology 4001, 4002, 4011, 2071 or 2072W, 4010 or Computer and Information Science 2810, Biology 2010, 2020 or Psychology 3602, Biology 4015, 4016, 4013, 4022, 3083, 5020, 5001 or 5010 or 5003W or 5014W or Interdisciplinary Studies 4101 or 4102, Chemistry 4570 or 4571.

One of the following chemistry sequences, a), or b), or c), or d):

~~a) Chemistry 1040 and 2500.~~

~~b) Chemistry 2100 and 2500.~~

~~c) Chemistry 1 or 1050 and 2050; Chemistry 2, 3510, 3520.~~

a) (Chemistry 1100, or 1050 and 2050), and 2500.

b) (Chemistry 1100, or 1050 and 2050), and 2100 and 3510.

c) (Chemistry 1100, or 1050 and 2050), 2100, 3510, and 3520.

d) (Chemistry 1100, or 1050 and 2050), and 2100 and 2500.

One of the following courses in Physics: Physics 1100, or 1111, or 1112, or 1150, or Core Curriculum 1331

Three credits in Geology or Earth and Environmental Sciences or Core Curriculum 1332

Mathematics 1201.

The following pedagogical courses in School of Education: Education 2001, 2002, 3401, 3402, 4404, 4410 (total of 21 credits):

This four-term sequence may be started in the lower\_sophomore term, or upper-sophomore term.

Education 2001, 2002, 3401, 3402 (12 credits).

The appropriate 5-credit course in student teaching:

Education 4404: Seminar on Methods of Teaching Science, Student Teaching I

The appropriate 4-credit course in student teaching:

Education 4404: Advanced Seminar on Methods of Teaching Science, Student Teaching II

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

~~This program reflects changes in teacher certification requirements recently implemented by the New York State Education Department. Students completing majors in secondary education or in special subjects under the former requirements should refer to the 2000-2003 Undergraduate Bulletin.~~

Degree programs in adolescence education and in special subjects include a major in an appropriate department of the college and in the case of social studies may also include an approved selection of interdepartmental courses.

Completion of an adolescence education program as part of a major in English, one of the appropriate social sciences, mathematics, one of the sciences, or a language other than English qualifies students for New York State initial certification in adolescence education for grades 7 through 12.

Completion of a special subjects program as part of a major in music education or physical education qualifies students for New ~~York~~ York State initial certification in special subjects for all grades.

Students qualifying for the initial certification in adolescence education may obtain an extension to teach English, social studies, mathematics, or one of the sciences in grades 5 and 6 by taking ~~Education 63.3~~ Education 3454.

Students, except music education majors, must complete 21 credits in the School of Education as specified above.

### **Admission requirements and academic standing**

Students must have a GPA of 2.50 or higher based on a minimum of 30 credits in liberal arts and sciences to take Education 2001, 2002, 3401 or 3402; an average of 2.75 in Education 2001 and 2002 is required to continue to Education 3401 and/or Education 3402; to take Education 4413 or 4401-4406, students must have an overall GPA of 2.75 or higher and permission of the head of adolescence education and special subjects; to take Education 4407-4406, students must earn a B- or higher in Education 4401-4406, a GPA of 2.75 or higher in their major, and the permission of the head of adolescence education and special subjects. A student who takes Education 4407-4412 prior to Education 4401-4406 must earn a B- or better grade in 4407-4412 to take Education 4401-4406.

### **Additional requirements for a B.A. degree**

Candidates for a B.A. degree with a biology teacher major must complete at least 18 credits in advanced courses in the Department of Biology or allowed electives in other departments as described above (not including Biology 1071 and 1072 OR Biology 1001). These 18 credits must be completed with a grade of C- or higher in each course, and 10 or more credits must be completed at Brooklyn College. Specific course requirements for a B.A. degree are described above.

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

**Rationale:** 1. This revision adds the new courses 3002W, 5003W, 5014W, 2020 or Psychology 2610, and 4013 to the list of approved courses for the degree requirements. This gives students more flexibility.

2. This revision allows for previous general biology courses offered only for non-majors prior to the new introductory courses (both for majors and non-majors) to substitute for the equivalent new introductory courses in order to streamline the transition.

3. This revision brings the BA degree in adolescence education: biology teacher in line with changes previously made to the BA degree in biology upon addition of the new introductory sequence as well as the current additions. In addition, requirements for at least 3 credits each in earth and environmental sciences and physics have been added to meet accreditation requirements for teaching biology. One of these two can be taken as part of the core requirements.

**Clearance:** School of Education, May 6, 2010

**Date of departmental approval:** March 8, 2011 and March 24, 2011

**Effective date:** Fall 2011

**A-III: CHANGES IN DEGREE PROGRAMS**

**Department of Biology**

**Minor in Biology**

**Department Requirements**

Both Biology 1001 and 1002, or all of the following courses: Biology 2073, 1072, 1071 or 4019, 2074, 2071.

Any two of the following elective courses: Biology 2071 or 2072W , 4001, 4002, 4010 or Computer and Information Science 2810, Biology 4011, 3006 or 3007W, 3001, 3002 or 3002W ,3003, 4013, 4015, 4016, 4022, 3083, 5020, 2010 , 2020 or Psychology 2610, or Biology 2011.

Each course must be completed at Brooklyn College with a grade of C- or higher.

**Rationale:** This revision makes the minor more flexible.

**Date of Approval by department:** March 8, 2011 and March 24, 2011,

**Effective date:** Fall, 2011

## **SECTION A-III: CHANGES IN DEGREE REQUIREMENTS**

### **Program in Children and Youth Studies**

Change in Program Name

#### **B.A. degree program in ~~Children's Studies~~ Children and Youth Studies**

HEGIS code: 2009.00; SED program code: 33088

Department requirements (30 credits)

a) All of the following courses: ~~Children's~~ Children and Youth Studies 2100W, 4200, 4900.

b) Five of the following courses: ~~Children's~~ Children and Youth Studies 2200, 3110, 3610, 3410, 3310, 3320, 3620, 3630, 3510, 3430, 3130, 3700, 4100, 5100, 5200.

c) Two of the following courses: Africana Studies 3335; Education 2002; English 3189 or Speech 1717 or Speech 2231; Health and Nutrition Sciences 3170; History 3320 or 3457 (cross-listed as Children's Studies 3120); Psychology 2210 or 3220 or 3240; Sociology 2400 or 2401; Puerto Rican and Latino Studies 2005.

All courses must be completed with a grade of C or higher.

A minimum of 9 credits must be completed at Brooklyn College.

Students interested in majoring in Children's and Youth Studies must consult a program advisor as early as possible. Students should plan to complete all major requirements before taking the capstone course, Children and Youth Studies 4900.

**Rationale:** Although "Children's Studies" is the accurate title for our program, encompassing the generational cohort from 0 - 18, we are encountering numerous problems as far as the definition of "children" in the public is concerned.

Not only do our students first believe that we are talking about little children, but also many of our colleagues, administrators, funding agencies etc. are under the same misapprehension. In other words, "children" in the real world are defined by and treated according to statutes and regulations until they reach the general age of majority -- in most instances 18, and they cannot represent themselves. But the majority of people are unaware of this.

Since we clearly include adolescents under the definition of "children," "and Youth" in the title would help us avoid semantic misunderstandings. There are other precedents; for example the graduate program of "Children and Youth Studies" at Brock University in Canada.

**Date of program approval:** February 23, 2010

**Effective Date:** Fall 2011

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

## **SECTION A-III: CHANGES IN DEGREE REQUIREMENTS**

### **Program in Children and Youth Studies**

Change in Program Name

### **Minor in ~~Children's Studies~~ Children and Youth Studies**

#### **Department requirements (15 credits)**

Fifteen credits as follows:

One course from the following: ~~Children's~~ Children and Youth Studies 2100 or ~~Children's Studies~~ 3110.

Two courses from the following: Children and Youth Studies 4200, ~~Children's Studies~~ 2200, ~~Children's Studies~~ 3410, ~~Children's Studies~~ 3310, ~~Children's Studies~~ 3620, ~~Children's Studies~~ 3630; English 3189 or Speech Communication Arts and Sciences 1717 or 2231; Health and Nutrition Sciences 3170 or Children and Youth Studies 4100; Psychology 2210; Sociology 2401.

Two courses from the following: Africana Studies 3335; ~~Children's~~ Children and Youth Studies 3610, 3510, 3130, 3430, 3320, 5500; Education 2002; ~~Children's~~ Children and Youth Studies 3120 or History 3320; Puerto Rican and Latino Studies 2005.

All courses must be completed with a grade of C or higher.  
A minimum of nine credits must be completed at Brooklyn College.

Students interested in this minor should consult with the ~~Children's~~ and Youth Studies program advisor to plan an appropriate sequence of courses and to declare their minor.

**Rationale:** Although "Children's Studies" is the accurate title for our program, encompassing the generational cohort from 0 - 18, we are encountering numerous problems as far as the definition of "children" in the public is concerned.

Not only do our students first believe that we are talking about little children, but also many of our colleagues, administrators, funding agencies etc. are under the same misapprehension. In other words, "children" in the real world are defined by and treated according to statutes and regulations until they reach the general age of majority -- in most instances 18, and they cannot represent themselves. But the majority of people are unaware of this.

Since we clearly include adolescents under the definition of "children," "and Youth" in the title would help us avoid semantic misunderstandings. There are other precedents; for example the graduate program of "Children and Youth Studies" at Brock University in Canada.

**Date of program approval:** February 23, 2011

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

**Effective Date:** Fall 2011

## **SECTION A-III: CHANGES IN DEGREE REQUIREMENTS**

### **Program in Children and Youth Studies**

Change in Program Name

### **Minor in Pre-professional Explorations: Focus on Children and Youth in Social Services and the Law**

#### **Department requirements (12 credits)**

Students must complete 12 credits for the minor.

One course from the following:

Children and Youth Studies 2100 or ~~CHST~~ 3110

Three courses from the following:

Children and Youth Studies ~~CHST~~ 3120, ~~CHST~~ 3310, ~~CHST~~ 3610, ~~CHST~~ 3620, ~~CHST~~ 3320, ~~CHST~~ 3700, ~~CHST~~ 4100.

All courses must be completed with a grade of C or higher.

A minimum of nine credits must be completed at Brooklyn College.

Students interested in this minor should consult with the Children's and Youth Studies program adviser to plan an appropriate sequence of courses and to declare their minor.

**Rationale:** Although "Children's Studies" is the accurate title for our program, encompassing the generational cohort from 0 - 18, we are encountering numerous problems as far as the definition of "children" in the public is concerned.

Not only do our students first believe that we are talking about little children, but also many of our colleagues, administrators, funding agencies etc. are under the same misapprehension. In other words, "children" in the real world are defined by and treated according to statutes and regulations until they reach the general age of majority -- in most instances 18, and they cannot represent themselves. But the majority of people are unaware of this.

Since we clearly include adolescents under the definition of "children," "and Youth" in the title would help us avoid semantic misunderstandings. There are other precedents; for example the graduate program of "Children and Youth Studies" at Brock University in Canada.

**Date of program approval:** February 23, 2011

**Effective Date:** Fall 2011

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

## **SECTION A-III: CHANGES IN DEGREE REQUIREMENTS**

### **Change in Program Name**

#### **Program in Children and Youth Studies**

#### **~~Concentration in Children's Studies~~ Concentration in Children and Youth Studies**

~~Children's~~ Children and Youth Studies concentration for majors in the following programs: early childhood education teacher (birth-grade 2); childhood education teacher (grades 1-6) (SED program codes: 26737 and 26829, respectively)

The requirements for the teacher education programs indicated above are described in the "Education" section in the Bulletin. Students who major in either of these programs and who elect a concentration in children's studies must compete at least 30 credits in the Children's Studies Program with a grade of C or higher in each course.

Concentration requirements (30 credits):

~~GHST~~ Children and Youth Studies 2100.

Two courses from the following:

~~GHST~~ Children and Youth Studies 3110, 3120 or History 3320, Sociology 2400 or 2401

Three courses from the following:

~~GHST~~ Children and Youth Studies 4200, 3610, 3620, 3320, Psychology 2210 or 3220 or 3240, Speech and Communication Arts 2231

Three courses from the following:

Africana Studies 3335, ~~GHST~~ Children and Youth Studies 2200, 3310, 3510, 3630, Health and Nutrition Sciences 3170, Puerto Rican and Latino Studies 2005

One course from the following:

~~GHST~~ Children and Youth Studies 3410, 3430, 3130, English 3189, Speech Communication Arts and Sciences 1717

All courses must be completed with a grade of C or higher.

A minimum of nine credits must be completed at Brooklyn College.

Students who are interested in this concentration in ~~Children's~~ Children and Youth Studies should consult with the ~~Children's Studies~~ program adviser to plan an appropriate sequence of courses and to declare their concentration.

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

## **SECTION A-III: CHANGES IN DEGREE REQUIREMENTS**

### **Department of Computer and Information Science**

#### **B.S. degree program in computer science**

HEGIS code 0701; NYS SED program code 01991

#### **Department requirements (54-57 credits)**

A student excused, without credit, from a course may not take the course for credit later, except with permission of the chairperson.

The department chair, with the approval of the chair of the department's undergraduate curriculum committee, may allow substitutions for one or more of these requirements consistent with the educational goals of the program.

Computer and Information Science 1110 or 1180.

All of the following: Computer and Information Science 2210, 3110, 3120, 3140, 3130, 3320, 3150, 3310, 3220 or 3230; 4900 or 5001.

Students who have enrolled in Computer and Information Science 27 before Spring 2008 may substitute completion of that course for Computer and Information Science 3310. Students who enrolled in Computer and Information Science 1341 before Spring 2008, but who did not complete Computer and Information Science 3305, must complete Computer and Information Science 3305 or 3310 to meet the requirements of the program.

Computer and Information Science 2820W or Philosophy 3318W.

Two additional courses in Computer and Information Science numbered between 13 and 59.99

Mathematics 1201 and 1206, or 3.20 and 4.20 and 1211.

Mathematics 2501 or 3501.

Transfer students who receive credit for Mathematics 3.20 and 4.20 are required to take Mathematics 1211 and either 2501 or 3501 to satisfy the mathematics requirement for the B.S. degree in Computer and Information Science.

**Rationale:** This will allow the department to respond quickly to unforeseen changes in course scheduling which inhibit students' progress to graduation.

**Date of department approval:** March 8, 2011

**Effective date:** Fall 2011

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

## **SECTION A-III: CHANGES IN DEGREE REQUIREMENTS**

### **Department of Computer and Information Science**

#### **B.S. degree program in multimedia computing**

HEGIS code 0799; NYS SED program code 31604

#### **Department requirements (57-59 credits)**

A student excused, without credit, from a course may not take the course for credit later, except with permission of the chairperson.

The department chair, with the approval of the chair of the department's undergraduate curriculum committee, may allow substitutions for one or more of these requirements consistent with the educational goals of the program.

All of the following: Computer and Information Science 1110 or 1180, 1600, 2210, 3110, 3130, 3220, 3620, 3630, 3410 or 3415 or 3650 or 3660 or 3665, 4900 or 5001.

All of the following: Mathematics 1201, 1711, 1716.

Three additional courses chosen from the following: Computer and Information Science 3800, 3610, 3120, 3140, 3150, 3410, 3415, 3635, 4610, 4620, 3645, 3640, 3650, 3660, 3665.

Two courses chosen from among the following: Art 2811, 2812, 3812, 2820, 2821; Music 3260, 3261, 3262, 3322; Film 1201, 2701, 4304; Television and Radio 2420, 3861, 3871, 3951.

#### **Program Recommendation**

It is recommended that students in this program fulfill their writing-intensive course requirement with Computer and Information Science 2820W or Philosophy 3318W.

**Rationale:** (1) This will allow the department to respond quickly to unforeseen changes in course scheduling which inhibit students' progress to graduation. (2) CISC 3650 should have been included in the requirements originally. (3) The updates to the arts electives reflect curricular changes in the respective arts departments.

**Date of department approval:** March 8, 2011

**Effective date:** Fall 2011

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

## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Department of Earth and Environmental Sciences

#### **B.A. degree program in adolescence education: earth science teacher**

HEGIS code 1917.01; NYS SED program code 32681

The School of Education and the Department of ~~Geology~~ Earth and Environmental Sciences jointly offer a program for students who plan to teach earth science in grades 7 through 12. Additional information may be obtained from the School of Education or the Department of ~~Geology~~ Earth and Environmental Sciences. Students should consult a counselor as early as possible to plan their program.

Adolescence education (grades 7-12) and special subject programs are writing-intensive.

#### **Program requirements (~~63-64½~~ 66-71 credits)**

All of the following:

- a) ~~Geology~~ Earth and environmental sciences 1400, ~~1200~~, 1101, 1201, 2100, 3400W, 3300, 3900, 2200, 2300.
- b) At least six additional credits in ~~geology~~ earth and environmental sciences courses numbered 2000 or above.
- c) Chemistry 1100 or its equivalent.
- d) Mathematics 1201 or Computer and Information Science 1.10, ~~1.20~~, or 1110.
- e) One of the following courses in physics: Physics 1100 or 1150, or Core Curriculum 1331, or Earth and Environmental Sciences 3200.
- f) One of the following courses in biology: Biology 1001 or 1080, or Core Curriculum 1321.

The following pedagogical courses in School of Education: Education 2001, 2002, 3401, 3402, 4404, 4410 (total of 21 credits):

This four-term sequence may be started in the lower-sophomore term, or upper-sophomore term: Education 2001, 2002, 3401, 3402 (12 credits).

The appropriate 5-credit course in student teaching:

Education 4404: Seminar on Methods of Teaching Science, Student Teaching I

The appropriate 4-credit course in student teaching:

Education 4410: Advanced Seminar on Methods of Teaching Science, Student Teaching II

~~This program reflects changes in teacher certification requirements recently implemented by the New York State Education Department. Students completing majors in secondary education or in special subjects under the former requirements should refer to the 2000-2003 Undergraduate Bulletin.~~

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

Degree programs in adolescence education and in special subjects include a major in an appropriate department of the college and in the case of social studies may also include an approved selection of interdepartmental courses.

Completion of an adolescence education program as part of a major in English, one of the appropriate social sciences, mathematics, one of the sciences, or a language other than English qualifies students for New York State initial certification in adolescence education for grades 7 through 12.

Students qualifying for the initial certification in adolescence education may obtain an extension to teach English, social studies, mathematics, or one of the sciences in grades 5 and 6 by taking Education 3454.

Students, except music education majors, must complete 21 credits in the School of Education as specified above.

**Rationale:** The name of the Department of Geology has been formally changed to the Department of Earth and Environmental Sciences (item AI:4.2 in the Chancellor's University Report for June 2010). Courses of the Department of Earth and Environmental Sciences deal with issues of Earth science and environmental science, often intermixed within individual courses, and the field of geology generally has become more interdisciplinary and often studies scientific issues related to knowledge and research of the environment. Accordingly, the program title "Earth and Environmental Sciences" more accurately reflects the curricula within the existing program. Two new undergraduate courses (EESC 1101 and 1102) were approved by Faculty Council during the meeting of February 8, 2011. As was indicated in the rationale of the proposals for those two courses, they were designed to provide an introduction to the breadth of content and character of research that better matches the expanded interdisciplinarity of our program. Accordingly, EESC 1101 (Introduction to Earth Science) will replace EESC 1100 (General Geology 1), and EESC 1201 (Introduction to Environmental Sciences) will replace EESC 1200. The course GEOL 32.5 (old numbering system) is an inactive course that we do not intend to reactivate, and so should be removed from the program options. The addition of requirements in biology and physics were added at the request of the School of Education to meet the NCATE/NSTA report recommendation to "meet core content competencies in the four sciences" in the science teacher preparation programs

**Clearance:** School of Education 3/1/2011

**Date of Approval by the Department:** March 8, 2011

**Effective Date of the Change:** Fall 2011

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

## SECTION A-III: CHANGES IN DEGREE REQUIREMENTS

### Program in Linguistics

#### B.A. degree program in linguistics

HEGIS code 1505; SED program code 02051

#### Program requirements (~~30-34~~ 31-34 credits)

Students must complete parts 1 through 5.

1. Linguistics 2001 or Anthropology 2300 ~~2304~~.
2. Three of the following: Linguistics 3019, 3020, 3021, 3022
3. Two of the following: Anthropology 3301, 3392, English 3520, 3521, 3524, Linguistics 3023, Philosophy 3203 or 3204, Psychology 3540, 3541, Speech Communication Arts and Sciences 1113, 2231; plus any prerequisites of the courses. Other appropriate courses may be substituted for either or both of the courses with permission of the Linguistics Program director.
4. Two of the following: Anthropology 3310, 3320, 3360, Computer and Information Science 2210, 3110, 3130, 3410, English 3196, 3522, 3523, Philosophy 3123, 3220, 3420, 3422, Puerto Rican and Latino Studies 4410, 4420, Psychology 2600, 3530, 3580, Speech Communication Arts and Sciences 1178, 1179; ~~one advanced course in a foreign language (“advanced” = beyond Level 4)~~ a course in the Department of Modern Languages and Literatures numbered 2021 or above, or Greek 4031 or above, or Latin 4131 or above, or Hebrew 3111 or above, or the equivalent; any unused courses from parts 2 and 3 above; plus any prerequisites of the courses.
5. Linguistics 4100W, a capstone seminar to be taken in the senior year.

Note: When linguistics is a student’s second major, up to three courses in parts 3 and 4 which are applicable toward the requirements of the student’s first major may also be applied toward the requirements of the second major in linguistics.

**Rationale:** The increase in required credits reflects the change in the capstone course from 3 to 4 credits which is being submitted in this same Curriculum Document (the upper limit has not been increased because the original calculation was off by one credit). The added note is based on the existing language concerning the dual major track in linguistics which is being deleted, also in this same Curriculum Document. The note thus retains a rule which has been followed regarding the dual major in linguistics for over thirty years, while constraining its scope. Specifically, whereas the old rule potentially applied to all of the requirements areas, this one is limited to two areas (parts 3 and 4), and whereas the old rule imposed no limitation on the maximum number of courses which could be applied in the way described, there is now a specified limit of

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

three courses. This rule applies exclusively to double majors who select linguistics as their second major.

**Date of approval by the program:** March 3, 2011

**Effective date:** Fall 2011

## SECTION A-III: CHANGES IN DEGREE REQUIREMENTS

### Program in Linguistics

Deletion of dual major track

#### ~~B.A. degree program for linguistics dual major~~

~~HEGIS code 1505~~

~~**Program requirements** (21–36 credits plus a major in a department; see part 6 below)  
Students must complete parts 1 through 7.\*~~

~~1. Linguistics 2001 or Anthropology 2301.~~

~~2. Speech 1113.~~

~~3. Two of the following: Linguistics 3020, 3021, 3022.~~

~~4. One advanced language course chosen from the following: English 3522, Greek 3011 or above, Latin 3112 or above, Chinese 2810 or above, French 2020, German 2020, Hebrew 3111, Italian 2020, Russian 2020, Spanish 2020, plus any prerequisite of the course. If a foreign language is chosen, it may be the same as that in part 7.~~

~~5. Two of the following: Anthropology 3301, 3392, Computer and Information Science 3160, 3230, 3390, 3410, 3810, English 3520, 24.4, 3523, 3524, Mathematics 3501, 4501, 4511, Philosophy 3203, 3204, 3320, 3530, Psychology 3220, 3540, Puerto Rican and Latino Studies 4420, Sociology 2800, Speech 17.6, 2231, plus any prerequisite of the courses. Other courses, particularly appropriate honors seminars, may be substituted for either or both of the two courses with permission of the Linguistics Program convener.~~

~~6. A major in a department of the college. The following majors are recommended for the dual major program: anthropology, classics, computer and information science, English, mathematics, modern languages and literatures, philosophy, psychology, sociology, and speech. Any other major must be approved by the Linguistics Program convener.~~

~~7. Study of a classical or modern foreign language through course 2010, or the equivalent, or proficiency in a classical or modern foreign language through course 2010, or the equivalent. Proficiency is determined by the department offering the language.~~

~~\*Note: If any of the courses in parts 1 through 7 is applicable toward the requirements of the student's department major, it may be applied toward the requirements of both the Linguistics Program and the department major.~~

**Rationale:** Extensive revisions to the major, dual major, and minor in linguistics were approved at the Faculty Council meeting of May 11, 2010. However, the revisions to the dual major were pulled by 80<sup>th</sup> Street in June 2010 because it turned out that the

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dual major (which had been described in Brooklyn College Bulletins continuously for 35 years) was not listed on the Inventory of Registered Programs. With no apparent resolution to this issue in sight almost a year later, the program faculty has decided to simply delete the dual major track.

**Date of approval by the program:** March 3, 2011

**Effective date:** Fall 2011

## **SECTION A-III: CHANGES IN DEGREE REQUIREMENTS**

### **Program in Linguistics**

#### **Minor in linguistics**

~~A minimum of 12 credits of advanced electives in the Linguistics Program. An “advanced course” is defined as any course that may be used to satisfy parts 2 or 3 in the list of requirements for the BA degree program in linguistics.~~

A program of 13-15 credits as follows:

Linguistics 2001 or Anthropology 2300.

One course from area 2 of the major.

Two more courses chosen freely from area 2 and/or area 3.

Each course must be completed with a grade of C or higher. Students should meet with the program director to plan a program suited to their interests and career plans.

**Rationale:** The revised minor provides students with a more structured course of study that now requires (a) a foundation course, and (b) at least one course specifically drawn from the core linguistic area (part 2 in the list of requirements for the linguistics major). The total number of credits increases slightly from 12 to between 13 and 15, depending on the particular courses that are chosen. The changes will ensure that students minoring in linguistics are now exposed to a more balanced overview of the field.

**Date of approval by the program:** March 3, 2011

**Effective date:** Fall 2011

## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Department of Modern Languages and Literatures

#### **B.A. degree programs in adolescence education: French teacher, Italian teacher, Spanish teacher.**

HEGIS code 1102.01, 1104.01, 1105.01; SED program code 26796, 26804, 26801

The School of Education and the Department of Modern Languages and Literatures jointly offer a program for students who plan to teach French, Italian, or Spanish in grades 7 through 12. Additional information may be obtained from the School of Education or the Department of Modern Languages and Literatures. Students should consult a counselor as early as possible to plan their program.

**Program requirements** (51 credits): Thirty credits in the content area are required for New York State certification to teach a Language Other Than English at the secondary level. Twenty-four of those credits must be taken in the Department of Modern Languages and Literatures as follows (Language = French, Italian, or Spanish):

All of the following: Language 2030W, 3610, ~~and Modern Languages 3350.~~

Two of the following culture courses: Language 3515, 3525, 3510, or 3520.

~~Nine~~ Twelve credits to be selected from Language 2021 ~~2020~~, 2432, 2120, 3515, 3525, 3510, 3520, Tier II, Tier III, Tier IV; and/or Modern Languages 2310 or higher.

The remaining six credits may be selected from the following options:

- 1) Up to two additional courses in the major language and/or from Modern Languages 2310 or higher.
- 2) Two courses in a second language, level 4 or above.
- 3) Up to two courses in related areas, subject to department approval.

An average of B or higher in the major is required for student teaching.

In addition, students must complete the following pedagogical courses: Education 2001, 2002, 3401, 3402, 4405, and 4411. These courses are described in the “Education” section of this Bulletin.

Also consult the “Education” section for specific grade requirements for the degree programs for French teacher, Italian teacher, and Spanish teacher. ~~These program requirements meet the revised teacher certification regulations adopted by the New York State Board of Regents in 2000 and replace the requirements that appeared in the 2000–2003 Bulletin for undergraduate programs.~~

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

**Rationale:** The department is eliminating Modern Languages 3350 as a requirement for the Adolescent Education major because it has not been offered for at least ten years and there is no one at the moment able or willing to teach it. The elimination of 3350 is also warranted by the fact that students majoring in Adolescent Education are required to take Education 4405, Seminar on Methods of Teaching Modern Languages, Student Teaching 1, and Education 4411, Advanced Seminar on Methods of Teaching Modern Languages, Student Teaching 2, which are very similar in content to Modern Languages 3350. The material about regulations adopted in 2000 is now archaic and can be removed.

**Date of departmental approval:** February 8, 2011

**Effective date:** Fall 2011

## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Conservatory of Music

#### B.A. degree program in music

HEGIS code 1005; SED program code 02021

Music is a writing-intensive major.

**Program requirements** ~~(48 44-46~~ credits plus foreign language study or proficiency)

All of the following:

Music 3211, 3212, 3213, 3214 (8 credits);

Music 3221, 3222, 3223, 3224 (4 credits);

~~Music 7.1 or 3231, 7.2 or 3232, 7.3 or 3233, 7.4 or 3234,~~ 3235, 3236, 3237 (12 credits);

Music 11.2 or 3241, 11.3 or 3242, 11.4 or 3243 (12 credits) ~~9 credits;~~

Music 4430 or 4431 or 4440 or ~~;~~ and 4450 or 4460 or 4470; and 3791, 3792 (7 40  
credits)

Two credits in ensemble performance from Music 3700 through 3781 ~~3780~~ as assigned by the Conservatory of Music. One seminar in music numbered in the 4900s ~~90s~~ or a suitable advanced course in another department or program, approved in advance by the director.

All music courses offered to satisfy the requirements for a major in music must be completed with a grade of C or higher.

**Rationale:** These changes in degree requirements are necessitated by the changes in the ear training (MUSC 3211-3214), keyboard (MUSC 3221-3224), and theory courses (new MUSC 3235-3237 in lieu of MUSC 3231-3234) found in Sections A-IV and A-V below. Based on experience with the curriculum that has been in effect for over two decades, Conservatory of Music faculty believe these changes will better prepare the majors' essential foundational musicianship skills in these areas through a more cogent sequencing and sufficient recitation times for the courses.

a. Requiring Music 3221-3224 (Keyboard Workshop I-IV). In October 2010, as part of its efforts to raise musicianship standards for all Music majors, the Conservatory's faculty voted to make the four levels of Keyboard Workshop required. Previously, the Music curriculum stated the following:

"Music majors should demonstrate a minimum keyboard proficiency when they enter the program. Students who do not demonstrate minimum proficiency may be assigned to Music 3221 [old 69.1] and 3222 [old 69.2] (one credit each), which are taken in the first two terms."

With this curriculum revision, Music majors will still be able waive any of these four Keyboard Workshop levels if the level of their keyboard proficiency in a faculty-administered test clearly warrants such a waiver.

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

b. Delayed start of Music theory courses (Music 3235-3237, old 3231-3234). Based on past experience with student readiness for music theory courses, Conservatory faculty feel that entering freshmen should start the Music major with the ear training, keyboard workshop, Core 1130 music courses and, if they pass the audition, their performance/ composition lessons -- delaying the start of music theory (Music 3235) until their second semester. By that time, their ear-training and keyboard skills should be sufficiently advanced for beginning music-major theory coursework. This change has necessitated several changes in pre- and co-requisites for the courses being changed in Section A-V (Changes in Existing Courses) below.

c. Including Music 3781 in Ensemble Corequisite. Small Jazz Ensemble (Music 3781) has always been one of the possible co-requisites for Music majors taking performance lessons. When its number was changed from old Music 74.5 to (old) Music 78.1 about five years ago, the range of department co-requisite ensemble course numbers was not simultaneously changed from Music 70-78 to Music 70-78.1 (new Music 3700-3781), as it should have been for each Music-major curriculum.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective Date of Change:** Fall 2011

## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Conservatory of Music

#### Bachelor of music degree program in performance

HEGIS code 1004; SED program code 02018

Music is a writing-intensive major.

**Program requirements** (~~59~~ 55-64 credits plus foreign language study or proficiency)

All of the following:

Music 3211, 3212, 3213, 3214 (8 credits);

Music 3221, 3222, 3223, 3224 (4 credits);

~~Music 7.1 or 3231, 7.2 or 3232, 7.3 or 3233, 7.4 or 3234,~~ 3235, 3236, 3237 (12 credits);

Music 11.2 or 3241, 11.3 or 3242, 11.4 or 3243 (12 credits) ~~9 credits;~~

Music 4430 or 4431 or 4440 or ; and 4450 or 4460 or 4470 or one seminar in music numbered in the 4900s. (3-6 credits);

and Music 3791, 3792, 3793, 3794, 3795, 3796 (12 credits).

Eight credits in ensemble performance from Music 3700 through 3781 ~~3780~~ as assigned by the Conservatory of Music. In addition to the course listings above, an approved recital and approval of the faculty are required for the bachelor of music degree.

A successful jury examination in performance must be completed at the conclusion of each semester of Music 3791-3796 or 4841 (Performance). Students taking Music 3793 will present to the faculty a longer performance jury, at which time their overall progress in the program will be evaluated, and permission to continue in the program granted or denied. Music majors aiming toward professional careers as performers are strongly urged to take additional ensembles each semester, including at least two terms of Music 3741, 3742, 3743, ~~74.5, or 3780~~ or 3781 (i.e., Contemporary Music Ensemble, Brass Ensemble, Woodwind Chamber Music, ~~Small Jazz Ensemble, or Jazz Ensemble,~~ or Small Jazz Ensemble).

All music courses offered to satisfy the requirements for a major in music must be completed with a grade of C or higher.

**Rationale:** These changes in degree requirements are necessitated by the changes in the ear training (MUSC 3211-3214), keyboard (MUSC 3221-3224), and theory courses (new MUSC 3235-3237 in lieu of MUSC 3231-3234) found in Sections A-IV and A-V below. Based on experience with the curriculum that has been in effect for over two decades, Conservatory of Music faculty believe these changes will better prepare the majors' essential foundational musicianship skills in these areas through a more cogent sequencing and sufficient recitation times for the courses.

a. Requiring Music 3221-3224 (Keyboard Workshop I-IV). In October 2010, as part of its efforts to raise musicianship standards for all Music majors, the Conservatory's

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

faculty voted to make the four levels of Keyboard Workshop required. Previously, the Music curriculum stated the following:

“Music majors should demonstrate a minimum keyboard proficiency when they enter the program. Students who do not demonstrate minimum proficiency may be assigned to Music 3221 [old 69.1] and 3222 [old 69.2] (one credit each), which are taken in the first two terms.”

With this curriculum revision, Music majors will still be able waive any of these four Keyboard Workshop levels if the level of their keyboard proficiency in a faculty-administered test clearly warrants such a waiver.

b. Delayed start of Music theory courses (Music 3235-3237, old 3231-3234). Based on past experience with student readiness for music theory courses, Conservatory faculty feel that entering freshmen should start the Music major with the ear training, keyboard workshop, Core 1130 music courses and, if they pass the audition, their performance/composition lessons -- delaying the start of music theory (Music 3235) until their second semester. By that time, their ear-training and keyboard skills should be sufficiently advanced for beginning music-major theory coursework. This change has necessitated several changes in pre- and co-requisites for the courses being changed in Section A-V (Changes in Existing Courses) below.

c. Including Music 3781 in Ensemble Corequisite. Small Jazz Ensemble (Music 3781) has always been one of the possible co-requisites for Music majors taking performance lessons. When its number was changed from old Music 74.5 to (old) Music 78.1 about five years ago, the range of department co-requisite ensemble course numbers was not simultaneously changed from Music 70-78 to Music 70-78.1 (new Music 3700-3781), as it should have been for each Music-major curriculum.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective Date of Change:** Fall 2011

## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Conservatory of Music

#### Bachelor of music degree program in composition

HEGIS code 1004.10; SED program code 02019

Music is a writing-intensive major.

**Program requirements** (~~66~~ 63-65 credits plus foreign language study or proficiency)

All of the following:

Music 3211, 3212, 3213, 3214 (8 credits);

Music 3221, 3222, 3223, 3224 (4 credits);

Music 7.1 or 3231, 7.2 or 3232, 7.3 or 3233, 7.4 or 3234, 3235, 3236, 3236 (12 credits);

Music 11.2 or 3241, 11.3 or 3242, 11.4 or 3243 (12 credits) (~~9 credits~~);

Music 3251, 3252, 3253, 3254, 3255, 3256 (18 credits);

Music 3315 or 4360; and 4430 or 4431 or 4440 or ; ~~and~~ 4450 or 4460 or 4470 or one seminar in music numbered in the 4900s; and 3791, 3792 (10 ~~13~~ credits);

Two credits in ensemble performance from Music 3700 through 3781 ~~3780~~ as assigned by the Conservatory of Music. In addition to the courses listed above, a faculty approved portfolio and approval of the Conservatory faculty are required for the bachelor of music degree. The portfolio will consist of representative works from required (Music 3251 through Music 3256), elective, and honors composition courses.

Students must submit a portfolio of work for review by a composition jury at the end of each semester of Music 3251-3256 or 4861-4862 ~~25~~ (Composition). A special jury for students in Music 3252 ~~25.2~~ includes evaluation of overall progress in the program, on the basis of which permission to continue in the composition program is granted or denied.

All music courses offered to satisfy the requirements for a major in music must be completed with a grade of C or higher.

**Rationale:** These changes in degree requirements are necessitated by the changes in the ear training (MUSC 3211-3214), keyboard (MUSC 3221-3224), and theory courses (new MUSC 3235-3237 in lieu of MUSC 3231-3234) found in Sections A-IV and A-V below. Based on experience with the curriculum that has been in effect for over two decades, Conservatory of Music faculty believe these changes will better prepare the majors' essential foundational musicianship skills in these areas through a more cogent sequencing and sufficient recitation times for the courses.

a. Requiring Music 3221-3224 (Keyboard Workshop I-IV). In October 2010, as part of its efforts to raise musicianship standards for all Music majors, the Conservatory's faculty voted to make the four levels of Keyboard Workshop required. Previously, the Music curriculum stated the following:

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

“Music majors should demonstrate a minimum keyboard proficiency when they enter the program. Students who do not demonstrate minimum proficiency may be assigned to Music 3221 [old 69.1] and 3222 [old 69.2] (one credit each), which are taken in the first two terms.”

With this curriculum revision, Music majors will still be able waive any of these four Keyboard Workshop levels if the level of their keyboard proficiency in a faculty-administered test clearly warrants such a waiver.

b. Delayed start of Music theory courses (Music 3235-3237, old 3231-3234). Based on past experience with student readiness for music theory courses, Conservatory faculty feel that entering freshmen should start the Music major with the ear training, keyboard workshop, Core 1130 music courses and, if they pass the audition, their performance/composition lessons -- delaying the start of music theory (Music 3235) until their second semester. By that time, their ear-training and keyboard skills should be sufficiently advanced for beginning music-major theory coursework. This change has necessitated several changes in pre- and co-requisites for the courses being changed in Section A-V (Changes in Existing Courses) below.

c. Including Music 3781 in Ensemble Corequisite. Small Jazz Ensemble (Music 3781) has always been one of the possible co-requisites for Music majors taking performance lessons. When its number was changed from old Music 74.5 to (old) Music 78.1 about five years ago, the range of department co-requisite ensemble course numbers was not simultaneously changed from Music 70-78 to Music 70-78.1 (new Music 3700-3781), as it should have been for each Music-major curriculum.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective Date of Change:** Fall 2011

## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Conservatory of Music

#### **B.Mus. degree program in music education**

HEGIS code 0832; SED program code 26815

**Program requirements** (~~88~~ 83-84 credits plus foreign language or proficiency)

#### **I. Music core** (~~57~~ 50 credits)

Music 3211, 3212, 3213, 3214 (8 credits);

Music 3221, 3222, 3223, 3224 (4 credits);

Music 7.1 or 3231, 7.2 or 3232, 7.3 or 3233, 7.4 or 3234, 3235, 3236, 3236 (12 credits);

Music 11.2 or 3241, 11.3 or 3242, 11.4 or 3243 (12 credits) (~~9 credits~~);

Music 4430, 4431, or 4440, or a course in American or non-western cultures approved by the director of the Conservatory of Music. (3 credits);

Music 3700–~~3781~~ -3780 (6 credits as assigned by the Conservatory of Music);

Music 3791, 3792, 3793, 3794, 3795, and 3796. (12 credits)

#### **II. Music education courses** (19 ~~21-22~~ credits)

Music 3350 or 3352. (3 credits)

Music 2510. (0 credits; minimum of four terms of 2510 required)

Music 2520. (1 credit)

Music 3581, 3582, and 3583. (9 credits)

Music 3590. (2 credits)

Music 3600-3661 60-66.1. (4 credits chosen from these courses)

~~Music 69.3 or 3223, and 3224 (1-2 credits)~~

#### **III. Education courses** (12 credits)

In addition to the required Bachelor of Music in Music Education curriculum, music education majors must complete the following pedagogical courses, including student teaching (12 credits):

Education 2001 [or 16] and 2002 [or 34] (6 credits).

Education 4413 [or 65] (6 credits).

~~This program reflects changes in teacher certification recently implemented by the New York State Education Department. Students completing majors in secondary education or in special subjects under the former requirements should refer to the 2000-2003 Undergraduate Bulletin.~~

Music education majors must complete 12 credits in the School of Education as specified above. In the case of music, the major must be in the Bachelor of Music in Music Education in order to meet the state requirements. Music education majors should see above and consult the listing in the “Music” section in this database.

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Completion of a special subjects program as part of a major in music education ~~or physical education~~ qualifies students for New York State initial certification in special subjects for all grades.

Students qualifying for the initial certification in adolescence education may obtain an extension to teach English, social studies, mathematics, or one of the sciences in grades 5 and 6 by taking Education 3454.

Students must have a GPA of 2.50 or higher based on a minimum of 30 credits in liberal arts and sciences to take Education 2001, 2002, 3401 or 3402; an average of 2.75 in Education 2001 and 2002 is required to continue to Education 3401 and/or 3402; to take Education 4413 or 4401-4406, students must have an overall GPA of 2.75 or higher and permission of the head of adolescence education and special subjects; to take Education 4407-4406, students must earn a B- or higher in Education 4401-4406, a GPA of 2.75 or higher in their major, and the permission of the head of adolescence education and special subjects. A student who takes Education 4407-4412 prior to Education 4401-4406 must earn a B- or better grade in 4407-4412 to take Education 4401-4406.

### **Program recommendations**

Music majors should complete Music 3211 [6.1 or 21.1] and 3221 [69.1 or 22.1] ~~7.4~~ in the lower-freshman term. Students planning to obtain New York State music teacher certification (all grades) should consult a Conservatory of Music counselor in their first term.

**Rationale:** These changes in degree requirements are necessitated by the changes in the ear training (MUSC 3211-3214), keyboard (MUSC 3221-3224), and theory courses (new MUSC 3235-3237 in lieu of MUSC 3231-3234) found in Sections A-IV and A-V below. Based on experience with the curriculum that has been in effect for over two decades, Conservatory of Music faculty believe these changes will better prepare the majors' essential foundational musicianship skills in these areas through a more cogent sequencing and sufficient recitation times for the courses.

a. Requiring Music 3221-3224 (Keyboard Workshop I-IV). In October 2010, as part of its efforts to raise musicianship standards for all Music majors, the Conservatory's faculty voted to make the four levels of Keyboard Workshop required. Previously, the Music curriculum stated the following:

"Music majors should demonstrate a minimum keyboard proficiency when they enter the program. Students who do not demonstrate minimum proficiency may be assigned to Music 3221 [old 69.1] and 3222 [old 69.2] (one credit each), which are taken in the first two terms."

With this curriculum revision, Music majors will still be able waive any of these four Keyboard Workshop levels if the level of their keyboard proficiency in a faculty-administered test clearly warrants such a waiver.

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

b. Delayed start of Music theory courses (Music 3235-3237, old 3231-3234). Based on past experience with student readiness for music theory courses, Conservatory faculty feel that entering freshmen should start the Music major with the ear training, keyboard workshop, Core 1130 music courses and, if they pass the audition, their performance/ composition lessons -- delaying the start of music theory (Music 3235) until their second semester. By that time, their ear-training and keyboard skills should be sufficiently advanced for beginning music-major theory coursework. This change has necessitated several changes in pre- and co-requisites for the courses being changed in Section A-V (Changes in Existing Courses) below.

c. Including Music 3781 in Ensemble Corequisite. Small Jazz Ensemble (Music 3781) has always been one of the possible co-requisites for Music majors taking performance lessons. When its number was changed from old Music 74.5 to (old) Music 78.1 about five years ago, the range of department co-requisite ensemble course numbers was not simultaneously changed from Music 70-78 to Music 70-78.1 (new Music 3700-3781), as it should have been for each Music-major curriculum.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective Date of Change:** Fall 2011

**SECTION A-III: CHANGES IN DEGREE PROGRAMS**

**Conservatory of Music**

**Minor in Music** [12 credits]

**Department Requirements**

12 credits of advanced electives in music (2101 40 or higher), selected in consultation with the Director or Deputy Director of the Conservatory of Music.

**Rationale:** This reflects the renumbering of Music courses.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective Date of Change:** Fall 2011

## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Conservatory of Music

#### Concentration in Music

The requirements for early childhood education teacher (birth-grade 2) and childhood education teacher (grades 1-6) programs are described in the “Education” section of the Undergraduate Bulletin. Students who major in either of these programs and who elect a concentration in music must complete 30 credits in the Conservatory of Music with a grade of C or higher in each course.

#### **Concentration requirements** (30 credits minimum):

One course chosen from Music 1400, 1500, 3235 ~~3231~~ or 7.1.

Four courses chosen from Music 3700 through 3781 ~~3780~~.

Two credits chosen from Music 3211, 3221, 3222, 3223, [~~69.1, 69.2, 69.3,~~] 3600, 3661.

Five courses chosen from Music 2101, 2102, 2103, 2104, 2105, 2106, 3247, 4440, Music 3581 and 3583.

A placement examination is required for certain theory, performance, and history/repertoire courses.

**Rationale:** These changes in degree requirements are necessitated by the changes in the ear training (MUSC 3211-3214), keyboard (MUSC 3221-3224), and theory courses (new MUSC 3235-3237 in lieu of MUSC 3231-3234) found in Sections A-IV and A-V below. Based on experience with the curriculum that has been in effect for over two decades, Conservatory of Music faculty believe these changes will better prepare the majors’ essential foundational musicianship skills in these areas through a more cogent sequencing and sufficient recitation times for the courses.

Small Jazz Ensemble (Music 3781) has always been one of the possible co-requisites for Music majors taking performance lessons. When its number was changed from old Music 74.5 to (old) Music 78.1 about five years ago, the range of department co-requisite ensemble course numbers was not simultaneously changed from Music 70-78 to Music 70-78.1 (new Music 3700-3781), as it should have been.

Adding MUSC 2106, Popular Music and Technology, to the Music Concentration in early childhood education and childhood education teacher gives these students an additional music history course at the 2000 level from which to select to fulfill this requirement in their degree program.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective Date of Change:** Fall 2011

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

## **SECTION A-III: CHANGES IN DEGREE PROGRAMS**

### **Department of Music**

Creation of a new minor

### **Minor in Music Technology**

#### **Department Requirements (12-credits)**

Study of the computer-based tools for the creation and production of music in the twenty-first century. Students completing this minor will have a foundation in the skillsets necessary within the discipline of music technology.

12-credits selected from the following music courses:

Introduction to Music Technology (Music 3260), Introduction to Electro-Acoustic Music (Music 3261), Electro-Acoustic Music (Music 3262), Techniques for Recording Music (Music 3322), 3-credits of advanced electives in music (numbered 2000 or higher) selected in consultation with the Director or the Deputy Director.

**Clearances:** Computer and Information Science

#### **Rationale:**

Music technology constitutes a specialized skill set within the study of music, increasing in importance as the computer-based tools of the discipline become ubiquitous within society. This minor will serve undergraduates by demonstrating that these students have a solid foundation in music technology. Students who distinguish themselves by earning this minor will gain a competitive advantage in an increasingly competitive job market where technology skills are highly sought after. This minor will also serve those students interested in music and technology as a creative outlet and as such will be a service to the college.

Students who would typically enroll in this minor for competitive advantage in the marketplace would include music teachers, music composers, educators, and computer science students in new media. Students searching for a creative outlet would include those self-taught in music or those in a band who wish to learn how to record themselves professionally and how to use music technology to expand their musical palette.

**Date of departmental approval:** March 15, 2011

**Effective Date of the program addition:** Fall 2011

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

## SECTION A-III: CHANGES IN DEGREE PROGRAM

### Department of Psychology

#### B.A. Program in Psychology

SED program code: 02096

#### Department requirements (a minimum of 29-31 credits)

All of the following: A) or B) or C) or D) ~~a) and b) and c) and d) and e)~~.

A) Psychology 1000, 3400, and 3450W ~~57~~.

B) Two One of the following: Psychology 2100, 2300, 2600, 2810, either (but not both) 2200 or 2210. ~~or 2210 or 2810 or 2300.~~

C) One of the following: Psychology 3510 or 3520 or 3530 or 3540 or 3600 or 3670~~or 3600.~~

D) Three additional advanced electives in psychology. No more than one of the following courses may be used to satisfy this requirement:

Psychology 5001, 5002, 5003, 5004, 5011, 5012, 5013, 5014.

~~E) One additional course in psychology of at least three credits.~~

**Rationale:** The changes made to the degree requirements in item B) situate Psychology 2600 (Mind, Brain and Behavior) as a mid-level course in our curriculum. This course provides students with basic concepts needed for advanced level neuroscience-related courses. The change is congruent with our proposed prerequisite modifications in section A-V of two courses (Psychology 3520, 3660). The removal of the unspecified psychology course (item E) from the program requirements keeps the size of the major unchanged as a consequence of the additional course now required in item B).

The addition of PSYC 2200 (Human Life Cycle) as an option for fulfilling requirement B) recognizes that it serves as an appropriate prerequisite, as a mid-level lifespan development course, for many advanced electives in psychology. In order to preserve breadth at the mid-level only one of the developmental options can be included.

For clarity and consistency, the ordering of courses in sections B) and C) was re-arranged to an increasing series and the lower case section labels in the text were changed to upper case to match the list that follows.

None of these changes alter the total required credits for the program.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

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

## SECTION A-III: CHANGES IN DEGREE PROGRAM

### Department of Psychology

#### B.S. degree program in Psychology

SED program code: 02098

#### Department requirements (a minimum of 29-31 credits)

All of the following: A) and B) and C) and D). ~~a) and b) and c) and d) and e).~~

A) Psychology 1000, 3400, and 3450W ~~57~~.

B) Two ~~One~~ of the following: Psychology 2100, 2300, 2600, 2810, either (but not both) 2200 or 2210. ~~2100 or 2210 or 2810 or 2300.~~

C) One of the following: Psychology 3510 or 3520 or 3530 or 3540 or 3600 or 3670 ~~or 3600.~~

D) Three additional advanced electives in psychology. No more than one of the following courses may be used to satisfy this requirement:

Psychology 5001, 5002, 5003, 5004, 5011, 5012, 5013, 5014.

~~E) One additional course in psychology of at least three credits.~~

#### Additional requirements for a Bachelor of Science degree

Candidates for a B.S. degree with a major in psychology must complete at least 60 credits in science and mathematics; 24 of these 60 credits must be completed in advanced courses in the Psychology Department. These 24 credits must be completed at Brooklyn College with a grade of C- or higher in each course. Specific course requirements for a B.S. degree are described above.

The following courses may be applied toward the 60 credits in science and mathematics:

A) All courses in the departments of biology, chemistry, computer and information science, geology, mathematics, physics, and psychology.

B) Courses marked with a dot (") in the Department of Health and Nutrition Sciences.

C) Anthropology and Archaeology 2200, 2201, 3230, 3240, 3250, 3260, 3199, 4665.  
Core Studies 5, 5.1, 5.2, 7.1, 7.2, 8.1, 8.2.

Core Curriculum 3 through 3.99; or Core Curriculum 1311 through 1332

Core Curriculum 30.01 through 30.99; or Core Curriculum 3301 through 3312

Economics 3400, 4410, 3410, 4422.

Philosophy 3203, 3204, 3601.

Physical Education 3271, 3275, 3023, 4229, 4251.

Sociology 2701.

**Rationale:** The changes made to the degree requirements in item B) situate Psychology 2600 (Mind, Brain and Behavior) as a mid-level course in our curriculum. This course provides students with basic concepts needed for advanced level neuroscience-related courses. The change is congruent with our proposed prerequisite modifications in section A-V of two courses (Psychology 3520, 3660). The removal of Material located with ~~strike-through~~ is to be deleted and material underlined is to be added

the unspecified psychology course (item E) from the program requirements keeps the size of the major unchanged as a consequence of the additional course now required in item B).

The addition of PSYC 2200 (Human Life Cycle) as an option for fulfilling requirement B) recognizes that it serves as an appropriate prerequisite, as a mid-level lifespan development course, for many advanced electives in psychology. In order to preserve breadth at the mid-level only one of the developmental options can be included.

For clarity and consistency, the ordering of courses in sections B) and C) was re-arranged to an increasing series and the lower case section labels in the text were changed to upper case to match the list that follows.

None of these changes alter the total required credits for the program.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

## SECTION A-III: CHANGES IN DEGREE PROGRAMS

### Department of Theater

#### B.A. degree program in Theater

HEGIS code 1007; SED program code: 76210

#### Department crew requirements

Theater degrees and certain theater courses have crew requirements. A student must register for one of the Production Practica, Theater 1202, 1203, 1204, 1205, 1206, 1207, for each course ~~marked with the symbol (+) for which the student registers~~ requiring a crew corequisite. However, no student shall be required to register for more than two Production Practica in one semester, and theater majors who have completed six-crew assignments, credit-bearing or not, need not register for further courses from this list.

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#### Department requirements (46 credits)

Students must earn a grade of C ~~minus~~ or higher in each theater course that is applied toward the fulfillment of department requirements.

All of the following: Theater 1001, 1101, 1201, 1202, 1203, ~~1204, 1205, 1206, 1207,~~ 3502W, 3503.

Four credits from the following courses: 1202, 1203, 1204, 1205, 1206, 1207. (Students may not exceed 9 credits in practicum courses.)

Two of the following courses: Theater 2201, 2202, 2310, 2311, 2312, 2313, 2320, 3321, 3330, 3331, 3333, 3341, 4701, 4702, 4703, 4704, 4705, 4706, 2001.

Two of the following courses: Theater 2102, 2103, 3102, 3103, 3601, 3602, 3620, 3701, 4710, 4620.

One of the following: Theater 2002, 2501, 3504, 3505, 2502, 3506.

Additional credits in ~~Theater Department~~ Department of Theater courses to total a minimum of forty-six credits.

#### Rationale:

We are changing the way that we offer practica experiences. We will now offer them in a lab format, and make them repeatable for credit. BFA degrees within the Department of Theater require a C or better on all coursework; we now believe that should be consistent among all undergraduate theater degrees.

**Date of departmental approval:** March 8, 2011

**Effective Date:** Fall 2011

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

## **SECTION A-III: CHANGES IN DEGREE PROGRAM**

### **Department of Theater**

#### **B.F.A. degree program in Theater**

HEGIS code 1007; SED program code 83119

The B.F.A. degree program has two areas of specialization: acting, and design and technical production (which includes scenic, lighting, and costume design). Students must achieve a grade of C or higher in each theater course numbered 10 or above that is applied toward the fulfillment of department requirements. Courses marked with the symbol "&" are for B.F.A. acting majors only.

#### **Department requirements (61–68 credits)**

##### **Acting (61 credits)**

All of the following: Theater 1201, 1202, 1203, ~~1204, 1205, 1206, 1207~~, 3401, 3402, 3403, 3404, 3405, 3406, 3407, 3420, 3421, 3431, 3432, 3422, 3423, 3436, 4400, 3502, 3503. (Students entering the program who have no transferable credits in theater must pass a department examination on general theater knowledge. Students who fail to pass this examination must register for Theater 1 in their first semester of the program.)

Four credits from the following courses: 1202, 1203, 1204, 1205, 1206, 1207. (Students may not exceed more than 9 credits in practicum courses.)

One of the following: Theater 4701, 4702, 4703, 4704, 4705, 4706.

One of the following: Theater 3445, 3446.

Six additional credits in ~~Theater Department~~ Department of Theater courses.

##### **Design and Technical Production (66–68 credits)**

All of the following: Theater 1001 ~~or 1.1 or 1.2~~, 1202, 1203, ~~1204, 1205, 1206, 1207~~, 2310, 2320, 3321, 3330, 3331, 3341, 2201, 3502, 3503 (Students with no previous experience may need to complete Theater 1201 before registering for more advanced technical courses. See course prerequisites.)

Four credits from the following courses: 1202, 1203, 1204, 1205, 1206, 1207. (Students may not exceed more than 9 credits in practicum courses.)

One acting course or Speech 1717.

Two of the following: Theater 2501, 3504, 3505, 2502. (One of the following may substitute for one of the above: Classics 4031, Comparative Literature 3305, 3610, 3611, English 3122, 3124, 3132, 3170, ~~40.4~~.)

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

Twenty-one additional credits from the following: Theater 3310, 2311, 2313, 2321, 3322, 4321, 3332, 3333, 3340, 3342, 4340, 4341, 3351, 4351, 4701, 4702, 4703, 4704, 4705, 4706, 5805, 5806, 5807, Art 2210, 2211, 2310, 2311, 2320, 3321.

**Rationale:**

We are changing the way that we offer practica experiences. We will now offer them in a lab format, and make them repeatable for credit. Updating course numbers and eliminating an inactive course.

Several courses listed in the BFA in Design and Tech Concentration are currently listed as inactive, but we are considering re-activating them so are keeping them on the list. Three inactive courses listed above were never re-numbered, so we are assigning them new numbers elsewhere in the document.

**Date of departmental approval:** March 8, 2011

**Effective Date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Department of Anthropology**

#### **3425 Human Evolutionary Anatomy: An Anthropological Approach**

3 hours lecture, 4 hours lab (including four 2 hour prosection sessions at Mount Sinai School of Medicine); 5 credits

A collaborative effort between faculty at the Mount Sinai School of Medicine and Brooklyn College will afford students the unique opportunity to view both cadaveric material at Mount Sinai School of Medicine (MSSM) and learn about new and powerful technological imaging (CT, MR, laparoscopic viewing) that afford visualizations of the body previously unavailable. Labs and lectures emphasize a system-based introduction to human anatomy and consideration of its evolutionary context; emphasis on visible organs and their relationship to the skeleton; consideration of the skeletal evidence for human anatomical evolution.

*Prerequisite or Corequisite:* Any one of the following: Anthropology and Archaeology 1002, 2200, 3230, 3240, 3250, 3260; or Biology 1001, 1080; or permission of instructor. Not open to students who have taken Physical Education and Exercise Science 3275.

**Frequency of Offering:** spring semester

**Projected enrollment:** 1 section of 20 students

**Clearances:** None

**Rationale:** For many years, external reviewers of the Department of Anthropology have stressed that it should work to emphasize student demands for preparation in health/medical fields. Some course offerings in medical Anthropology take steps towards goal such as ANTH 3150 (Anthropology of Health and Disease) and ANTH 3155 (Health and Globalization), but largely this transition has not been made. ANTH 3240 (Human Osteology) is part of an important pre-medical background for some clinicians and for biological anthropologists, but it is not enough. One course that has never been offered by the Department of Anthropology, which is important for biological anthropologists and all students interested in pursuing health/medical professions, is Human Gross Anatomy. While an anatomy course is offered in the Department of Physical Education (PEES 3275), it does not present material in a form that is useful for anthropology majors. nor does it cover the same material that an evolutionary course, such as that proposed here would do. Anthropology has acquired new faculty which have increased the number of us who have the training to teach human gross anatomy.

**Department goals addressed by this proposal:** Of 5 departmental learning goals, this course makes fundamental contributions towards meeting, in a more complete way, the first two and the fifth in a fairly direct manner. The first goal is "to be aware of the distinct and complementary contributions of archaeology and cultural, linguistic, and biological anthropology to the holistic study of human beings." Anatomy, as our biological condition and through the process of its evolution, fundamentally affects all

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

aspects of human existence to a greater or lesser degree. Thus understanding anatomy provides a context for appreciating the forces defining, and changing, the humanity.

The second goal is "to understand the diversity, continuity and unity of humans, both past and present." A large component of the "diversity and continuity" defined among humans is biological or exists due to a detailed anatomical basis. Furthermore, an understanding of past humans (especially prehistoric humans, and pre-human hominids) is improved through a better understanding of the connection between their skeletal remains and the rest of the anatomy.

Finally this course will serve the fifth goal of the department by improving the student's ability to "understand... research methodologies of archaeology.... and biological anthropology."

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Department of Art**

#### **3160 History of Architecture: Renaissance through Nineteenth Century**

3 hours; 3 credits

Exploration of the history of architecture in Europe and the United States from the Renaissance through the 19<sup>th</sup> Century.

Prerequisite: Core Curriculum 1120

**Frequency of offering:** Every 3 to 4 semesters

**Projected enrollment:** 25 students

**Rationale:** This course will offer an overview of architectural development in the West from the Renaissance through the Nineteenth Century. It will explore a variety of architectural cultures and contextualize the development of the built environment within the emergence of the Modern Age and its relevant social, political, and religious circumstances. Additionally, this course will teach students how to study architectural form for meaning, using both images and local buildings as teaching tools.

This course is intended as the second of a sequence to give students a comprehensive understanding of issues in architecture and urbanism from the ancient world through the modern.

**Clearances:** none

#### **Program Goals Addressed by this Course:**

- Course will prepare majors for careers in art and art history
- Students will develop skills of visual literacy
- Students will develop skills of visual and verbal communication
- Students on campus will connect with the architectural resources of New York City

**Date of Department Approval:** March 8, 2011

**Effective Date:** Spring 2012

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

## **SECTION A-IV: NEW COURSES**

### **Department of Art**

#### **3161 History of Architecture: Modern through Contemporary**

3 hours; 3 credits

Exploration of the history of architecture across the globe from the turn of the 20<sup>th</sup> century through contemporary practice. Study of key monuments and theories of the modern age.

Prerequisite: Core Curriculum 1120

**Frequency of offering:** Every 3 to 4 semesters

**Projected enrollment:** 25 students

**Rationale:** This course will offer an overview of architectural development in the modern world from the turn of the 20<sup>th</sup> century through the present. It will contextualize the emergence of Modern architecture within its relevant social, political, and theoretical circumstances. Additionally, this course will teach students how to study architectural form for meaning, using both images and local buildings as teaching tools.

This course is intended as the third of a group of courses to give students a comprehensive understanding of issues in architecture and urbanism from the ancient world through the modern.

**Clearances:** none

#### **Program Goals Addressed by this Course:**

- Course will prepare majors for careers in art and art history
- Students will develop skills of visual literacy
- Students will develop skills of visual and verbal communication
- Students on campus will connect with the architectural resources of New York City

**Date of Department Approval:** March 8, 2011

**Effective Date:** Spring 2012

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## **SECTION A-IV: NEW COURSES**

### **Department of Art**

#### **3164 Architecture and Urban Design in New York City**

3 hours; 3 credits

Study of New York City's monuments and infrastructure. Contextualization of the city's built environment within architectural discourse.

Prerequisite: Core Curriculum1120

**Frequency of offering:** Every 3 to 4 semesters

**Projected enrollment:** 25 students

**Rationale:** This course will explore the history of architecture and urban design in New York City from the colonial period through the present day. We will study well-known monuments along with lesser-known but important works, and consider the political, cultural, and economic factors that fueled the development of New York's built environment. This course will situate the architecture of New York City within the broader discourse of American architectural history, and will consider the impact that New York had on nationwide architectural trends. Classroom lectures will be supplemented regularly with site visits across the city.

This course is intended to complement the department's offerings in general architectural history. It will draw on the city's rich local resources to offer students the opportunity to study architecture through direct exposure to the works discussed in class.

**Clearances:** none

#### **Program Goals Addressed by this Course:**

- Course will prepare majors for careers in art and art history
- Students will develop skills of visual literacy
- Students will develop skills of visual and verbal communication
- Students on campus will connect with the architectural resources of New York City

**Date of Department Approval:** March 8, 2011

**Effective Date:** Spring 2012

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## **SECTION A-IV: NEW COURSES**

### **Department of Biology**

#### **2020 Neurobiology**

3 hours; 3 credits

Introduction to the structure and function of the nervous system at molecular, cellular, systems, and behavioral levels emphasizing animal models. Electrical and chemical signaling of nerve cells, neuroanatomy, neurochemistry, motor and sensory systems, neural plasticity, and current methodologies in neuroscience research. This course is the same as Psychology 2610.

Prerequisites or corequisites: Biology 1001 and 1002; or Psychology 1000 and one of the following: Psychology 2600, 3600 or Biology 1001; or permission from the instructor.

**Frequency of offering:** one section per year in the spring semester

**Projected enrollment:** 25 students per section

**Clearances:** Psychology

**Rationale:** Currently, there are no introductory neurobiology or neurobiology-related courses offered in the Biology major. The field of neuroscience is interdisciplinary by nature, serves a wide interest and is of fundamental importance to students whose concentration of study encompasses pre-medicine, psychology and animal behavior, as well as for those who may pursue a neuroscience-related graduate degree. Thus, this course will be highly recommended to the large number of students in these areas, and for this reason should be cross-listed in both the Biology and Psychology departments.

**Department Goals Addressed by Course:** An integrative recitation on the basic biological mechanisms that underlie the operation of nervous systems. This course will also serve as a foundation for future course offerings in the neuroscience field such as behavioral neuroendocrinology, neuroethology, and neuroscience methods laboratory.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Department of Earth and Environmental Sciences**

#### **1500 Introduction to Urban Sustainability**

2 hours lecture, 2 hours lab, 3 credits

Introduction to urban sustainability; ecological, economic and social analyses of the human-nature interface in urban environments; problem-based and place-based approaches; data analysis, communication, group projects and interdisciplinary skills; site visits. This course is the same as Sociology 2202 and Economics 2251.

**Frequency of offering:** Every semester

**Projected enrollment:** 40 students

**Clearances:** Economics, Sociology

**Rationale:** This course is one outcome of the Provost's Task Force on City-Based and Sustainability Education, which was charged with developing curricular initiatives to institutionalize sustainability education at Brooklyn College. The course responds to student demand for an interdisciplinary introductory course that addresses issues of sustainability rooted in our urban context. The term "sustainability" refers to the organization of human social and economic systems in ways that do not undermine the biophysical basis of their continued existence (ecosystems). Reflecting the "three pillars of sustainability"<sup>1</sup> (environmental, social, and economic) at the root of the sustainability concept, the course is jointly proposed, sponsored, and to be staffed by the departments of Earth and Environmental Sciences, Economics and Sociology. The course is a manifestation of the college's commitments to interdisciplinary education across school structures, maximizing utility of place in utilizing our borough as classroom, and developing curricula that address the pressing issues of the 21st century. The course uses place-based pedagogy and will prepare students for further, more advanced, interdisciplinary and disciplinary courses addressing issues of the complex relationships between urban systems and ecosystems.

#### **Department Goals Addressed by Course:**

1. Expanded integration of environmental science into the department's curriculum, and more effective use of expertise of departmental environmental scientists
2. Integration of practical application of concepts in Earth and Environmental Science concepts in the NYC urban environment

**Date of Departmental Approval:** March 8, 2011

**Effective Date:** Fall 2011

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<sup>1</sup> See WECD 1987, Barbier 1987, Fien 2002, Figge et al 2002, Pope et al 2004, Adams 2006.

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## **SECTION A-IV: NEW COURSES**

### **Department of Earth and Environmental Sciences**

#### **1501 Urban Sustainability Theory**

3 hours lecture, 3 credits

Interdisciplinary intellectual history and contemporary questions, debates, and theories surrounding urban sustainability. Theoretical contributions from natural sciences, economics, and sociology to understanding the human-nature interface in urban environments; analysis and synthesis of primary texts and policy documents. This course is the same as Sociology 3201, and Economics 3251.

Prerequisite: Earth and Environmental Sciences 1500 or Economics 2251 or Sociology 2202

**Frequency of offering:** Every semester

**Projected enrollment:** 30 students

**Clearances:** Economics, Sociology

**Rationale:** This course is one outcome of the Provost's Task on City-Based and Sustainability Education, which was charged with developing curricular initiatives to institutionalize sustainability education at Brooklyn College. The course responds to student demand for an interdisciplinary advanced course that addresses issues of sustainability that is rooted in our urban context. The term "sustainability" refers to the organization of human social and economic systems in ways that do not undermine the biophysical basis of their continued existence (ecosystems). Reflecting the "three pillars of sustainability"<sup>2</sup> (environmental, social, and economic) at the root of the sustainability concept, the course is jointly proposed, sponsored, and to be staffed by the departments of Earth and Environmental Sciences, Economics, and Sociology. The course is a manifestation of the college's commitments to interdisciplinary education across school structures, maximizing the utility of place in utilizing our borough as classroom, and developing curricula that address the pressing issues of the 21st century. The course will build upon students' awareness of urban sustainability issues and concepts as developed in Introduction to Urban Sustainability, and offer them further, more advanced work exploring the interdisciplinary intellectual history and contemporary debates surrounding urban sustainability theory.

#### **Department Goals Addressed by Course:**

1. Expanded integration of environmental science into the department's curriculum, and more effective use of expertise of departmental environmental scientists
2. Integration of practical application of concepts in Earth and Environmental Science concepts in the NYC urban environment

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<sup>2</sup> See WECD 1987, Barbier 1987, Fien 2002, Figge et al 2002, Pope et al 2004, Adams 2006.

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**Date of Departmental Approval:** March 8, 2011

**Effective Date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Department of Economics**

#### **2251 Introduction to Urban Sustainability**

2 hours lecture, 2 hours lab, 3 credits

Introduction to urban sustainability; ecological, economic and social analyses of the human-nature interface in urban environments; problem-based and place-based approaches; data analysis, communication, group projects and interdisciplinary skills; site visits. This course is the same as Sociology 2202 and Earth and Environmental Sciences 1500.

**Frequency of offering:** Every semester

**Projected enrollment:** 40 students

**Clearances:** Earth and Environmental Sciences, Sociology

**Rationale:** This course is one outcome of the Provost's Task on City-Based and Sustainability Education, which was charged with developing curricular initiatives to institutionalize sustainability education at Brooklyn College. The course responds to student demand for an interdisciplinary introductory course that addresses issues of sustainability that is rooted in our urban context. The term "sustainability" refers to the organization of human social and economic systems in ways that do not undermine the biophysical basis of their continued existence (ecosystems). Reflecting the "three pillars of sustainability"<sup>3</sup> (environmental, social, and economic) at the root of the sustainability concept, the course is jointly proposed, sponsored, supported, and to be staffed by the departments of Earth and Environmental Sciences, Economics and Sociology. The course manifests the college's commitments to interdisciplinary education across school structures, maximizing the utility of place in utilizing our borough as classroom, and developing curricula that address the pressing issues of the 21st century. The course uses place-based pedagogy. The course will prepare students for further, more advanced, interdisciplinary and disciplinary courses addressing issues of the complex relationships between urban systems and ecosystems.

#### **Department Goals Addressed by Course:**

1. The ability to apply general economic principles to the real world, ability to use the tools of economic analysis to understand policy issues.
2. Ability to acquire and use data to evaluate competing theories, use of statistical and quantitative skills to test theories, oral and written communication, problem-solving skills and analytical thinking.

**Date of Departmental Approval:** March 8, 2011

**Effective Date:** Fall 2011

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<sup>3</sup> See WECD 1987, Barbier 1987, Fien 2002, Figge et al 2002, Pope et al 2004, Adams 2006.

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## **SECTION A-IV: NEW COURSES**

### **Department of Economics**

#### **3251 Urban Sustainability Theory**

3 hours lecture, 3 credits

Interdisciplinary intellectual history and contemporary questions, debates, and theories surrounding urban sustainability. Theoretical contributions from natural sciences, economics, and sociology to understanding the human-nature interface in urban environments; analysis and synthesis of primary texts and policy documents. This course is the same as Sociology 3201 and Earth and Environmental Sciences 1501. Prerequisite: Earth and Environmental Sciences 1500 or Economics 2251 or Sociology 2202.

**Frequency of offering:** Every semester

**Projected enrollment:** 30 students

**Clearances:** Earth and Environmental Science, Sociology

**Rationale:** This course is one outcome of the Provost's Task on City-Based and Sustainability Education, which was charged with developing curricular initiatives to institutionalize sustainability education at Brooklyn College. The course responds to student demand for an interdisciplinary advanced course that addresses issues of sustainability that is rooted in our urban context. The term "sustainability" refers to the organization of human social and economic systems in ways that do not undermine the biophysical basis of their continued existence (ecosystems). Reflecting the "three pillars of sustainability"<sup>4</sup> (environmental, social, and economic) at the root of the sustainability concept, the course is jointly proposed, sponsored, supported, and to be staffed by the departments of Earth and Environmental Sciences, Economics, and Sociology. The course is a manifestation of the college's commitments to interdisciplinary education across the school structure, maximizing the utility of place in utilizing our borough as classroom, and developing curricula that address the pressing issues of the 21st century. The course will build upon students' awareness of urban sustainability issues and concepts as developed in Introduction to Urban Sustainability, and offer them further, more advanced work exploring the interdisciplinary intellectual history and contemporary debates surrounding urban sustainability theory.

#### **Department Goals Addressed by Course:**

1. The ability to apply general economic principles to the real world, ability to use the tools of economic analysis to understand policy issues.
2. Ability to acquire and use data to evaluate competing theories, use of statistical and quantitative skills to test theories, oral and written communication, problem-

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<sup>4</sup> See WECD 1987, Barbier 1987, Fien 2002, Figge et al 2002, Pope et al 2004, Adams 2006.

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solving skills and analytical thinking.

**Date of Departmental Approval:** March 8, 2011

**Effective Date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Department of Economics**

#### **3253 Economic Geography**

3 hours, 3 credits

Spatial distribution of economic activity at the global, regional, and urban scale. Traditional location theory contrasted with political economy, cultural, and institutional approaches. Both quantitative and qualitative methods will be used to investigate all aspects of economic activity in space, including industrial location, agglomeration, globalization and trade, development, and human-environment interaction.

Prerequisites: Economics 2200 and 3400

**Frequency of offering:** Annual

**Projected enrollment:** 30

**Clearances:** Earth and Environmental Sciences, Sociology

**Rationale:** Economic Geography (ECON 3253), Urban Economics (ECON 3232) and Environmental and Natural Resource Economics (ECON 3252) comprise a three-course concentration that addresses the needs of four broad constituencies: environmental studies majors, policy-oriented economics majors, business students with an interest in global economic development and trade, social studies teachers.

#### **Department Goals Addressed by Course:**

This course addresses the following *knowledge goals*: knowledge and understanding of public policy, international/global issues, and appreciation of social diversity. This course addresses the following *skills goals*: the ability to apply general economic principles to the real world, ability to use the tools of economic analysis to understand policy issues; ability to acquire and use data to evaluate competing theories, use of statistical and quantitative skills to test theories, oral and written communication, problem-solving skills and analytical thinking.

**Date of Departmental Approval:** March 8, 2011

**Effective Date:** Fall 2011

**SECTION A-IV: NEW COURSE**

**Department of Finance and Business Management**

**BUSN 3021 Making a Living: Jews, Business and Professions from Antiquity up to the Modern Period**

3 hours; 3 credits

An overview of the Jewish experience in business from the biblical period to contemporary times. Analysis of the historically and culturally varied Jewish communities around the globe and how their surroundings influenced their choices of earning a living. This course is the same as Judaic Studies 3206.

**Frequency of offering:** one section every spring semester

**Projected enrollment:** 35 students per section

**Clearance:** none

**Rationale:** This course will familiarize students with a wide range of primary and secondary sources dealing with how Jews earned a living. These will include Biblical, Talmudic, Christian Church, and Geniza sources as well as archeological material. Close readings of the sources will enable students to sharpen their analytical and critical skills, and to differentiate between polemic/opinion and fact. This is a cross-listed course developed by the Judaic Studies Department and is not required in the business major.

**Departmental goals addressed by the proposal:** This will be a free elective in the department's programs and will help students "develop competency in written communication and verbal communication skills."

**Date of departmental approval:** March 8, 2011

**Effective Date of the Change:** Fall 2011

## Section A-IV New Courses

### Department of History

#### **4190 Conservation and Preservation of Library and Archival Materials**

3 hours; 3 credits

A basic overview of the preservation of documents, books, photographs, and other paper-based materials, as well as digital collections. Through a hands-on experience in the college's book and paper conservation laboratory, students will learn to analyze the condition of paper artifacts, investigate varied treatments and re-housing options, apply different conservation methods and techniques, and understand the critical role of conservation and preservation in libraries and archives. Does not count towards the History major or the History minor.

Prerequisite: History 4100, with permission of instructor. Open only to ASCD declared minors.

**Frequency of offering:** Once per year / spring semester

**Projected enrollment:** 8 students

**Clearances:** English, Art, Anthropology, Classics, Education, and Ethnic Studies.

**Rationale:** This course will enhance, strengthen and broaden the appeal of the Minor in Archival Studies and Community Documentation. Building upon on the theory and methodology of archival management gained in History 4100, students will have the unique opportunity to develop a deeper understanding of the central role of conservation and preservation in archives and ascertain critical preservation skills.

Beyond the primary archival functions to exercise physical and intellectual control over collections, it is essential for today's archival professionals to have a comprehensive understanding of the techniques and tools available to them to preserve the unique holdings under their management. Working in tandem with the college's conservator in the library's recently opened conservation laboratory, students will handle, analyze and treat original materials gaining invaluable "hands – on" experience. Furthermore, this experience will develop a strong grasp of the varied treatments of paper based materials and the digital tools available to protect and insure that historic records survive for future generations of researchers.

**Program Goals Addressed by Course:** The goals of the course align with the following goals of the minor in Archival Studies and Community Documentation:

- Provides students with the intellectual and pre-professional foundation necessary for full participation in an internship.
- Helps students to explore prospective careers in professions related to archives, community history and its documentation.
- Promotes the documentation, preservation, and interpretation of New York City's

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local communities, drawing on the Brooklyn College Archives, the "Keeper" of Brooklyn College's history, as a resource and repository for these activities.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

**SECTION A-IV: NEW COURSE**

**Department of Judaic Studies**

**3206 Making a Living: Jews, Business and Professions from Antiquity up to the Modern Period**

3 hours; 3 credits

An overview of the Jewish experience in business from the biblical period to contemporary times. Analysis of the historically and culturally varied Jewish communities around the globe and how their surroundings influenced their choices of earning a living. This course is the same as Business 3021.

**Frequency of offering:** one section every spring semester

**Projected enrollment:** 35 students per section

**Clearance:** none

**Rationale:** This course will familiarize students with a wide range of primary and secondary sources dealing with how Jews earned a living. These will include Biblical, Talmudic, Christian Church, and Geniza sources as well as archeological material. Close readings of the sources will enable students to sharpen their analytical and critical skills, and to differentiate between polemic/opinion and fact.

**Departmental goals addressed by the proposal:** This course meets the Department of Judaic Studies goals as spelled out in the Self Study Report of 2010 that we are to introduce as many cross-listed courses as possible, addressing topics that are of major interest in the Twenty-First Century.

**Date of departmental approval:** February 15, 2011

**Effective date:** Fall 2011

## SECTION A-IV: NEW COURSES

### Conservatory of Music

#### **3235 Theory I: Eighteenth-Century Studies**

4 hours; 4 credits

Exploration of music of the Baroque and Classic eras through analysis of relevant works and compositional exercises. Topics include part-writing using triads and seventh chords, non-chord tones, and secondary dominants and modulations using common chords. Contrapuntal forms such as the chorale prelude, two-part invention, and fugue will also be examined. Not open to students who have completed Music 7.1 or 3231. Prerequisites: Music 1400; or both Music 3211 and Music 3221; or placement examination.

Corequisites: Music 3212 and 3222.

**Frequency of offering:** 1 per year, in the spring semester

**Projected enrollment:** 25 students per year

**Clearances:** None

**Rationale:** More concentrated and extended study of 18<sup>th</sup>-century music that allows time for in-depth analysis and composition projects.

#### **Department Goals Addressed by Course:**

**Department Goals 1c, 1d, 2d, 2e, and 3a**, i.e. Performance & Creative Skills, Basic Musicianship, and Knowledge of Repertoire, with emphasis upon:

- Experience in composition and improvising;
- Functional knowledge of the terminology and grammar of music;
- Understanding of musical elements (rhythm, melody, harmony, timbre, texture, dynamics, form) and their application in aural and score analysis;
- Exposure to extensive and varied repertory through performance, analysis, and concert attendance.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Conservatory of Music**

#### **3236 Theory II: Nineteenth-Century Studies**

4 hours; 4 credits

Exploration of music of the Romantic era through analysis of relevant works and compositional exercises. Topics include advanced modulations, mode mixture, Neapolitan and augmented-sixth chords, common-tone diminished chords, and extended tonality.

Prerequisites: Music 3235 (or 7.2, 23.2, or 3232); and also Music 3212 and 3222; or placement examination.

Corequisites: Music 3213 and 3223.

**Frequency of offering:** 1 per year in the fall semester

**Projected enrollment:** 25 students per year

**Clearances:** None

**Rationale:** More concentrated and extended study of 19<sup>th</sup>-century music that allows time for in-depth analysis and composition projects.

#### **Department Goals Addressed by Course:**

**Department Goals 1c, 1d, 2d, 2e, and 3a**, i.e. Performance & Creative Skills, Basic Musicianship, and Knowledge of Repertoire, with emphasis upon:

- Experience in composition and improvising;
- Functional knowledge of the terminology and grammar of music;
- Understanding of musical elements (rhythm, melody, harmony, timbre, texture, dynamics, form) and their application in aural and score analysis;
- Exposure to extensive and varied repertory through performance, analysis, and concert attendance.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Conservatory of Music**

#### **3237 Theory III: Modern and Contemporary Studies**

4 hours; 4 credits

Exploration of music of the Modern and contemporary eras through analysis of relevant works and compositional exercises. Topics include modal, tonal, octatonic, and whole-tone collections; new metric and rhythmic resources; polytonality; set-class analysis; 12-tone music; aleatory; phase techniques; and new timbral and electronic resources. Prerequisites: Music 3236 (or 7.3 or 3233); and also 3213 and 3223; or placement examination.

Corequisites: Music 3214 and 3224.

**Frequency of offering:** 1 per year in the spring semester

**Projected enrollment:** 25 students per year

**Clearances:** None

**Rationale:** More concentrated and extended study of 20<sup>th</sup> and 21<sup>st</sup>-century music that allows time for in-depth analysis and composition projects.

#### **Department Goals Addressed by Course:**

***Department Goals 1c, 1d, 2d, 2e, and 3a***, i.e. Performance & Creative Skills, Basic Musicianship, and Knowledge of Repertoire, with emphasis upon:

- Experience in composition and improvising;
- Functional knowledge of the terminology and grammar of music;
- Understanding of musical elements (rhythm, melody, harmony, timbre, texture, dynamics, form) and their application in aural and score analysis;
- Exposure to extensive and varied repertory through performance, analysis, and concert attendance.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Conservatory of Music**

#### **3260 Introduction to Music Technology**

3 hours; 3 credits

Introduction to an array of available software for the creation, documentation, and instruction of music. Designed for any musician interested in computer-based tools to enhance a musical life and career. Topics include digital audio, MIDI, music notation, music on the Internet, presentation of one's work, and pedagogical tools.

*Prerequisite:* Core 1130; or permission of instructor.

**Frequency of offering:** Once per year in the fall semester

**Projected enrollment:** 15 students per year

**Clearances:** None

**Rationale:** As the recent Middle States Review has stated, 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.

#### **Program/ Department Goals Addressed by Course:**

1. Understanding of the relationship of music to other arts and to technology.
2. Experience in composition, both original and based on models.
3. Acquaintance with music of other traditions - non-western art music, vernacular ethnic styles, jazz, popular music, folk music.

**Date of Departmental Approval:** November 9, 2010

**Effective date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Department of Philosophy**

#### **3725 Philosophy of Race**

3 credits, 3 hours

**Bulletin Description:** Philosophical examination of race and the question of its validity as a scientific, social, and census category. Such issues as the metaphysical legitimacy and social reality of racial designations; race, subjectivity, and sense of self; mixed race persons; racial identities and their political effects; the relationship between the continued use of racial categories and the persistence of racism.

**Pre-requisite:** One Philosophy department course or Core Curriculum 1210

**Frequency of Offering:** One section every year

**Projected enrollment:** 25 students

**Rationale:** This important and growing area of Philosophy is becoming a standard course offering in Philosophy departments across the country. It is important to introduce a course in the area to keep pace with current developments in Philosophy and to offer our students a quality program in Philosophy. Furthermore, a course in this area will be of particular interest to many members of our exceptionally diverse student body, and will promote Brooklyn College's institutional commitment to diversity and inclusiveness.

**Clearances:** Africana Studies and Puerto Rican and Latino Studies

#### **Program/Department Goals Addressed by the Course:**

- Ability to explain a selection from a philosophical text, a philosophical theory, issue, or argument.
- Ability to analyze and evaluate a selection from a philosophical text, a philosophical theory, issue or argument.
- Ability to provide a reasoned response to a selection from a philosophical text, a philosophical theory, issue, or argument.

**Date of Departmental Approval:** March 8, 2011

**Effective date:** Fall 2011

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

## **SECTION A-IV: NEW COURSES**

### **Department of Political Science**

#### **3415 Biopolitics**

3 hours; 3 credits

The state's role in fostering the safety and welfare of its population. Technologies of power for governing the life, health, and death of populations. Exploration of theories of biopolitics and governmentality and their application to particular institutions and discourses such as public health, immigration, surveillance, risk assessment, and security. Exposure to different forms of critical analysis.

Prerequisite or Corequisite: Political Science 1001 or 1002 or Health and Nutrition Sciences 2140 or Core Curriculum 1230

**Frequency of offering:** one section per year in the spring semester

**Projected enrollment:** 25 students per section

**Rationale:** According to the Political Science Department's missions and goals, political science courses should impart a "broad understanding of the theories and concepts that shape the discipline of political science." Within the subfield of political theory, one of the most exciting and vigorous areas of inquiry is that of "biopolitics."

**Program goals addressed by this course:** This course will further the department's stated goals for student learning: 1) it will help students understand this and related foundational concepts in political theory; 2) it will impart to the skills they need to interpret and explain the political phenomena related to the governing of life itself; 3) it will explore contemporary political issues through multiple theoretical lenses; 4) it will show students how to use the tools of political theory to interpret their own lived experience. This course is a much-needed addition to the department's political theory curriculum.

**Clearance:** Health and Nutrition Sciences

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Department of Psychology**

#### **2610 Neurobiology**

3 hours; 3 credits

Introduction to the structure and function of the nervous system at molecular, cellular, systems, and behavioral levels emphasizing animal models. Electrical and chemical signaling of nerve cells, neuroanatomy, neurochemistry, motor and sensory systems, neural plasticity, and current methodologies in neuroscience research. This course is the same as Biology 2020.

Prerequisites or corequisites: Biology 1001 and 1002; or Psychology 1000 and one of the following: Psychology 2600, 3600 or Biology 1001; or permission from the instructor.

**Frequency of offering:** one section per year in the spring semester

**Projected enrollment:** 25 students per section

**Clearances:** Biology

**Rationale:** Currently, there are no introductory neurobiology or neurobiology-related courses offered in the Biology major. The field of neuroscience is interdisciplinary by nature, serves a wide interest and is of fundamental importance to students whose concentration of study encompasses pre-medicine, psychology and animal behavior, as well as for those who may pursue a neuroscience-related graduate degree. Thus, this course will be highly recommended to the large number of students in these areas, and for this reason should be cross-listed in both the Biology and Psychology departments.

**Department Goals Addressed by Course:** The department currently offers several neuroscience-related courses. An integrative recitation on the basic biological mechanisms that underlie the operation of nervous systems will provide a strong biological foundation for students intending to pursue graduate studies in neuroscience and will complement advanced electives currently offered in the department.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

**SECTION A-IV: NEW COURSES**

**Department of Psychology**

**3090 Advanced Special Topics in Psychology**

3 hours; 3 credits

Topics vary from term to term. Course description may be obtained in the department office before registration. Students may take this course for credit twice but may not repeat topics.

*Prerequisites:* Psychology 1000 and permission of the chairperson.

**Frequency of Offering:** As scheduling permits

**Projected enrollment:** 1 section of 25 students

**Rationale:** The inclusion of this course in our curriculum will permit the department to offer courses at an advanced level prior to their inclusion in the fixed curriculum and will allow our undergraduates the opportunity to study current topics in psychology that are not included in the regular curriculum.

**Clearances:** None

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

## **SECTION A-IV: NEW COURSES**

### **Department of Sociology**

#### **2202 Introduction to Urban Sustainability**

2 hours lecture, 2 hours lab, 3 credits

Introduction to urban sustainability; ecological, economic and social analyses of the human-nature interface in urban environments; problem-based and place-based approaches; data analysis, communication, group projects and interdisciplinary skills; site visits. This course is the same as Economics 2251 and Earth and Environmental Sciences 1500.

**Frequency of offering:** Every semester

**Projected enrollment:** 40 students

**Clearances:** Earth and Environmental Sciences, Economics

**Rationale:** This course is one outcome of the Provost's Task on City-Based and Sustainability Education, which was charged with developing curricular initiatives to institutionalize sustainability education at Brooklyn College. The course responds to student demand for an interdisciplinary introductory course that addresses issues of sustainability that is rooted in our urban context. The term "sustainability" refers to the organization of human social and economic systems in ways that do not undermine the biophysical basis of their continued existence (ecosystems). Reflecting the "three pillars of sustainability"<sup>5</sup> (environmental, social, and economic) at the root of the sustainability concept, the course is jointly proposed, sponsored, supported, and to be staffed by the departments of Earth and Environmental Sciences, Economics and Sociology. The course manifests the college's commitments to interdisciplinary education across school structures, maximizing the utility of place in utilizing our borough as classroom, and developing curricula that address the pressing issues of the 21st century. The course uses place-based pedagogy. The course will prepare students for further, more advanced, interdisciplinary and disciplinary courses addressing issues of the complex relationships between urban systems and ecosystems.

#### **Department Goals Addressed by Course:**

1. Insight into the analysis of the variety of problems that challenge the wellbeing of societies, communities, and subgroup relationships in general.
2. Appreciation of the possibility of the organized amelioration of social problems as well as the limits of such organized group efforts.

**Date of Departmental Approval:** March 8, 2011

**Effective Date:** Fall 2011

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<sup>5</sup> See WECD 1987, Barbier 1987, Fien 2002, Figge et al 2002, Pope et al 2004, Adams 2006.

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

## **SECTION A-IV: NEW COURSES**

### **Department of Sociology**

#### **3201 Urban Sustainability Theory**

3 hours lecture, 3 credits

Interdisciplinary intellectual history and contemporary questions, debates, and theories surrounding urban sustainability. Theoretical contributions from natural sciences, economics, and sociology to understanding the human-nature interface in urban environments; analysis and synthesis of primary texts and policy documents. This course is the same as Economics 3251 and Earth and Environmental Sciences 1501. Prerequisite: Earth and Environmental Sciences 1500 or Economics 2251 or Sociology 2202.

**Frequency of offering:** Every semester

**Projected enrollment:** 30 students

**Clearances:** Earth and Environmental Science, Economics

**Rationale:** This course is one outcome of the Provost's Task on City-Based and Sustainability Education, which was charged with developing curricular initiatives to institutionalize sustainability education at Brooklyn College. The course responds to student demand for an interdisciplinary advanced course that addresses issues of sustainability that is rooted in our urban context. The term "sustainability" refers to the organization of human social and economic systems in ways that do not undermine the biophysical basis of their continued existence (ecosystems). Reflecting the "three pillars of sustainability"<sup>6</sup> (environmental, social, and economic) at the root of the sustainability concept, the course is jointly proposed, sponsored, supported, and to be staffed by the departments of Earth and Environmental Sciences, Economics, and Sociology. The course is a manifestation of the college's commitments to interdisciplinary education across the school structure, maximizing the utility of place in utilizing our borough as classroom, and developing curricula that address the pressing issues of the 21st century. The course will build upon students' awareness of urban sustainability issues and concepts as developed in Introduction to Urban Sustainability, and offer them further, more advanced work exploring the interdisciplinary intellectual history and contemporary debates surrounding urban sustainability theory.

#### **Department Goals Addressed by Course:**

1. Insight into the analysis of the variety of problems that challenge the wellbeing of societies, communities, and subgroup relationships in general.
2. Appreciation of the possibility of the organized amelioration of social problems as well as the limits of such organized group efforts.

**Date of Departmental Approval:** March 8, 2011

**Effective Date:** Fall 2011

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<sup>6</sup> See WECD 1987, Barbier 1987, Fien 2002, Figge et al 2002, Pope et al 2004, Adams 2006.

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Chemistry

Change in prerequisite

#### FROM:

##### **4570 Biochemistry**

3 hours lecture, 4 hours laboratory; 5 credits

Properties and reactions of compounds of biological importance. Oxygen-transport proteins. Enzyme kinetics and mechanisms. Basic immunology. Biological membranes. DNA replication, mutation, and repair. Transcription and the Genetic Code. Protein biosynthesis. Laboratory work emphasizes basic biochemical skills. (Not open to students who are enrolled in or have completed Chemistry 4571.)

*Prerequisite:* Chemistry 3410 or 3415W, or Biology 2074; and Chemistry 3520.

#### TO:

##### **4570 Biochemistry**

3 hours lecture; 4 hours laboratory; 5 credits

Properties and reactions of compounds of biological importance. Oxygen-transport proteins. Enzyme kinetics and mechanisms. Basic immunology. Biological membranes. DNA replication, mutation, and repair. Transcription and the Genetic Code. Protein biosynthesis. Laboratory work emphasizes basic biochemical skills. (Not open to students who are enrolled in or have completed Chemistry 4571.)

*Prerequisite:* Chemistry 3410 or 3415W, or Biology 2074 or Biology 1002; ~~and Chemistry 3520~~

*Prerequisite or corequisite:* Chemistry 3520

**Rationale:** The Department of Biology will no longer offer Biology 2074. The bulk of the material for this course is contained in Biology 1002. The Department of Chemistry has reviewed the syllabus for the course and concluded it meets the needs of students seeking to take Chemistry 4570. Moving 3520 from prerequisite to corequisite status reflects the fact that most of the material previously required from 3520 is now taught in a prior course.

**Date of approval by department:** March 8, 2011

**Effective Date of the change:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Computer and Information Science

Change in title, bulletin description and prerequisites.

#### FROM:

#### ~~3650 Innovative Approaches to Computer-Human Interfaces~~

3 hours; 3 credits

Overview of ~~computer-human~~ interfaces with an emphasis on ~~innovative~~ approaches. Principles of ~~computer-human~~ interaction. Ubiquitous computing and ~~tangible~~ interfaces. Interfaces employing speech recognition and computer vision. Sensor technologies. Computer supported cooperative work. Virtual and augmented realities.

*Prerequisite:* Computer and Information Science CISC 3130 [CIS 22] and either CISC 4035 [CIS 3.1], CISC 3630 [CIS 52], or permission of the instructor.

#### TO:

#### 3650 Human-Computer Interaction

3 hours; 3 credits

Overview of human-computer interfaces with an emphasis on classical and state-of-the-art approaches. Principles of human-computer interaction and human-robot interaction. Ubiquitous computing and interfaces for mobile devices. Interfaces employing speech recognition and computer vision. Sensor and robotic technologies. Computer supported cooperative work. Virtual and augmented realities.

*Prerequisite:* Computer and Information Science 3120.

**Rationale:** Change in course title and bulletin description reflects a desire to provide a more general course that broadly introduces the field of Human-Computer Interaction (HCI), not just one specialized aspect of it (tangible interfaces). Changes also reflect inclusion of state-of-the-art topics in interface design, such as human-robot interaction and mobile devices. Change in prerequisites (removing some) responds to changes in the CIS curriculum over the last few years.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Computer and Information Science

Change in bulletin description and prerequisite

#### FROM:

##### **3665 Game Design**

3 hours; 3 credits

Introduction to designing computer games ~~for a variety of hardware platforms.~~  
Fundamentals of designing, programming and troubleshooting ~~simple~~ games. ~~Porting~~  
~~game software between multiple game consoles.~~ Documenting and critiquing design.  
Multi-week small-group projects in game design.

*Prerequisite:* Computer and Information Science 3130.

#### TO:

##### **3665 Game Design**

3 hours; 3 credits

Introduction to designing the intelligence behind computer games. Fundamentals of  
designing, programming and troubleshooting game behavior. Documenting and  
critiquing design. Multi-week small-group projects in game design.

*Prerequisite:* Computer and Information Science 3130, and Mathematics 1011 or 1201.

**Rationale:** Change in bulletin description reflects change in the course to better align with other courses in the department, particularly CISC 3660 (Game Programming). The term "Game Design" has two interpretations: the artist's interpretation, which emphasizes the visual aspects such as color, shape, etc.; and the computer scientist's interpretation, which emphasizes the behavioral aspects such as object response, user interaction, environment interaction, etc. The state-of-the-art from the computer scientist's perspective is to integrate concepts from artificial intelligence to control the behavior of characters in a game. Some game designers also look at game theory as a way of shaping the interactions and reward mechanisms in a game. Since we already have a Game Programming course, we want to shift this course away from implementation details and provide students with a course that covers the underlying computer-science theoretical aspects of game design. The Mathematics prerequisite will provide the foundation and mathematical maturity for this study.

**Date of departmental approval:** March 8, 2011

**Effective Date:** Fall 2011

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

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Finance and Business Management**

Change in course description

#### **From:**

#### **BUSN 3375 Financial Instruments and their Pricing**

4 hours; 4 credits

Definitions of some of the most important derivative securities traded in the financial markets: forward and futures contracts, caplets, caps, swaps, and options (Call, Put, Barrier, Bermudan, Asian, Digital, Exotic). The principles of arbitrage pricing and risk-neutral pricing, discrete-time binomial trees. The continuous time Black Scholes model and the Capital Asset Pricing model. The pricing of interest rates in an arbitrage-free framework and important interest rate models. Concentration on stochastic modelling and applications. (This course is the same as Mathematics 4601.)

Prerequisite: Mathematics 3601 or Business 3370 or Economics 3370

#### **To:**

#### **BUSN 3375 Financial Instruments and their Pricing**

4 hours; 4 credits

Definitions of some of the most important derivative securities traded in the financial markets: forward and futures contracts, caplets, caps, swaps, and options (Call, Put, Barrier, Bermudan, Asian, Digital, Exotic). The principles of arbitrage pricing and risk-neutral pricing, discrete-time binomial trees. The continuous time Black Scholes model and the Capital Asset Pricing model. The pricing of interest rates in an arbitrage-free framework and important interest rate models. Concentration on stochastic modelling and applications. (This course is the same as Economics 3375 and Mathematics 4601.)

Prerequisite: Mathematics 3601 or Business 3370 or Economics 3370

**Rationale:** This course was overlooked in the recent course renumbering activity and accidentally became inactive on the Economics side. It is now being restored to active status on the Economics side.

**Date of departmental approval:** March 23, 2011

**Effective date:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Program in Linguistics

Change in description, hours and credits

#### FROM:

#### **4001W Senior Seminar in Linguistics**

~~3 hours; 3 credits~~

Capstone seminar for seniors on a problem or topic in linguistic analysis. Course description may be obtained from the Linguistics Program prior to registration. Final research paper incorporates materials drawn from ~~primary, secondary and/or~~ field data sources, and is written in the style of an academic journal article. Writing-intensive course.

*Prerequisite:* Senior standing, twelve or more credits in linguistics courses, or permission of the Linguistics Program director; English 1012.

#### TO:

#### **4001W Senior Seminar in Linguistics**

3 hours and independent work and conference; 4 credits

Capstone seminar for seniors on a problem or topic in linguistic analysis. Course description may be obtained from the Linguistics Program prior to registration. Final research paper incorporates materials drawn from the research literature and original field data sources, and is written in the style of an academic journal article. Writing-intensive course.

*Prerequisite:* Senior standing, twelve or more credits in linguistics courses, or permission of the Linguistics Program director; English 1012.

#### **Rationale:**

As originally approved, LING 4001W offered students two choices for the research paper: either to write a critical review of several research articles related to one of the specific areas covered in the course, or to conduct and write up a small field-based research project. The changed course description and additional independent study and conference time reflect the fact that the class will now, in effect, require students to do both, necessitating more independent work on their part, as well as enhanced supervision by the instructor. This approach will more effectively serve the course's stated purpose of having students write "in the style of an academic journal article."

**Date of approval by the program:** March 3, 2011

**Effective date:** Fall 2011

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

## SECTION A-VI: OTHER CHANGES

### Department of Mathematics

Change in description

#### FROM:

#### **4601 Financial Instruments and their Pricing**Error! Bookmark not defined.

4 hours; 4 credits

Definitions of some of the most important derivative securities traded in the financial markets: forward and futures contracts, caplets, caps, swaps, and options (Call, Put, Barrier, Bermudan, Asian, Digital, Exotic). The principles of arbitrage pricing and risk-neutral pricing, discrete-time binomial trees. The continuous time Black Scholes model and the Capital Asset Pricing model. The pricing of interest rates in an arbitrage-free framework and important interest rate models. Concentration on stochastic modelling and applications. (This course is the same as Economics 70.9.)

Prerequisite: Mathematics 3601 or Business 3370 or Economics 3370

#### TO:

#### **4601 Financial Instruments and their Pricing**

4 hours; 4 credits

Definitions of some of the most important derivative securities traded in the financial markets: forward and futures contracts, caplets, caps, swaps, and options (Call, Put, Barrier, Bermudan, Asian, Digital, Exotic). The principles of arbitrage pricing and risk-neutral pricing, discrete-time binomial trees. The continuous time Black Scholes model and the Capital Asset Pricing model. The pricing of interest rates in an arbitrage-free framework and important interest rate models. Concentration on stochastic modelling and applications. (This course is the same as Business 3375 and Economics 3375.)

Prerequisite: Mathematics 3601 or Business 3370 or Economics 3370

**Rationale:** This update corresponds to the updates on the same course made by Business and Economics Departments.

**Date of Departmental Approval:** April 5, 2012

**Effective date:** Fall 2011

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

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Modern Languages and Literatures**

#### **Chinese**

Change in hours and credits

#### **FROM:**

##### **\*1038 Basic Writing and Reading Skills for Heritage Speakers**

~~3~~-hours, 1 hour multimedia laboratory; ~~3~~-credits

Fundamentals of writing and reading for students whose knowledge of Chinese is limited to spoken communication. Emphasis on writing and the distinctions among various levels of dialect and language.

*Prerequisite:* permission of the chairperson.

#### **TO:**

##### **\*1038 Basic Writing and Reading Skills for Heritage Speakers**

4 hours, 1 hour multimedia laboratory; 4 credits

Fundamentals of writing and reading for students whose knowledge of Chinese is limited to spoken communication. Emphasis on writing and the distinctions among various levels of dialect and language.

*Prerequisite:* permission of the chairperson.

**Rationale:** Chinese 1038 is a course designed to teach students of Chinese heritage to learn to write in Chinese. Most of these students grew up in the United States and speak a regional dialect either from Canton or Fujian in southeast China, the two dialects that are most remote from standard Mandarin. These students use dialect for oral communication at home, but not in writing. Some of them only learned to write a few characters in weekend classes and can in fact be considered to be semi-illiterate in Chinese. Since they did not have the benefit of formal schooling at an early age in either speaking or writing, teaching them to write in Chinese is a painstaking activity that requires much more in-class time than is currently available.

**Date of approval by department:** February 8, 2011

**Effective Date of the change:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Modern Languages and Literatures German

Changes in number, title and exclusion

#### FROM:

#### ~~\*2010 Intermediate Language Skills for Nonheritage Speakers~~

3 hours, 1 hour multimedia laboratory; 3 credits

Continued development of language skills and cultural understanding using a variety of authentic materials including film, video, and short literary texts. Class discussions, group activities, and team projects. Individual writing assignments with emphasis on accuracy and style. ~~(Not open to heritage speakers.)~~

*Prerequisite:* German 1030 or 1035 or the level 3 Regents examination with a passing grade, or four years of high school German, or permission of the chairperson.

#### TO:

#### 2021 Integrated Language Skills

3 hours, 1 hour multimedia laboratory; 3 credits

Continued development of language skills and cultural understanding using a variety of authentic materials including film, video, and short literary texts. Class discussions, group activities, and team projects. Individual writing assignments with emphasis on accuracy and style. (Not open to students who have completed a course in German numbered 2024 or higher. The Department therefore recommends that 2021 be taken before any courses having a higher number.)

*Prerequisite:* German 1030 or 1035 or the level 3 Regents examination with a passing grade, or four years of high school German, or permission of the chairperson.

**Rationale:** As part of the reorganization of the minors, the content of language 2021 will be upgrade to be one of the courses counted toward the minor. Changing the number from 2010 to 2021 places the course at the beginning of the sequence of courses that can be counted toward the minor.

**Date of approval by department:** October 12, 2010

**Effective Date of the change:** Fall 2011

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

## SECTION A-V: CHANGE IN AN EXISTING COURSE

### Department of Modern Languages and Literatures

#### Russian

Change in hours and credits

#### FROM:

##### **\*1038 Basic Writing and Reading Skills for Heritage Speakers**

~~3~~-hours, 1 hour multimedia laboratory; ~~3~~-credits

Fundamentals of writing and reading for students whose knowledge of Russian is limited to spoken communication. Emphasis on spelling, word order, and verb tenses, based on authentic literary and nonliterary texts. Practice in written self-expression.

*Prerequisite:* permission of the chairperson.

#### TO:

##### **\*1038 Basic Writing and Reading Skills for Heritage Speakers**

4 hours, 1 hour multimedia laboratory; 4 credits

Fundamentals of writing and reading for students whose knowledge of Russian is limited to spoken communication. Emphasis on spelling, word order, and verb tenses, based on authentic literary and nonliterary texts. Practice in written self-expression.

*Prerequisite:* permission of the chairperson.

**Rationale:** Russian 1038, designed to help heritage speakers meet the college Foreign Language Requirement, is a highly intensive language course that begins with the introduction to the alphabet(s) and proceeds to cover three semesters worth of study of Russian grammar. The current number of hours assigned to this course is disproportionate to the amount and difficulty of material covered. Because Russian alphabet looks completely unrelated to its Roman counterparts, and because students must learn three versions of it—print, italic, and cursive—to achieve basic reading and writing proficiency, more in-class time than is currently available must be allowed for this section of the course. In addition, Russian is notorious for its complex grammar which demands thorough explication and rigorous practice. For example, only three Russian cases are studied in a 4-credit RUSS1010, whereas all six cases must be covered in Russian 1038 within a fewer number of hours. Not surprisingly, little or no time is left for the study of commonly distorted speech patterns, vocabulary building, and communication skills. All of this puts students of Russian 1038 at a serious disadvantage in meeting the course goals and the Foreign Language Requirement, and warrants the need for an increase in hours and credits for this course.

**Date of approval by department:** February 8, 2011

**Effective Date of the change:** Fall 2011

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

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Conservatory of Music**

Change in title, hours, prerequisites and corequisites

#### **FROM:**

#### **3211 Introductory Studies in Musicianship: Ear Training**

2 hours recitation, 2 hours laboratory; 2 credits

Intensive training in sight-reading and dictation. Study in bass and treble clefs of diatonic melodies, rhythms through quadruple subdivisions of the beat with syncopation, chords (functions and types), and intervals. (Not open to students who completed Music 6.1.)

Prerequisite: placement examination. ~~Music 7.1 or 3231 and Music 69.1 or 3221 or the minimum piano requirement for music majors.~~

#### **TO:**

#### **3211 Introductory Studies in Musicianship: Ear Training I**

3 hours recitation, 2 hours laboratory; 2 credits

Intensive training in sight-reading and dictation. Study in bass and treble clefs of diatonic melodies, rhythms through quadruple subdivisions of the beat with syncopation, chords (functions and types), and intervals. (Not open to students who completed Music 6.1.)

Prerequisite: placement examination.

Corequisite: Music 3221.

**Rationale:** The changes will help the Conservatory better achieve its goals of teaching students the ability to read music on sight and to identify and notate aurally experienced musical events, and will help students gain a functional knowledge of the terminology and grammar of music. Improvement of keyboard skills is now assured through a specific keyboard corequisite.

**Date of departmental approval:** Oct. 12, 2010

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in title, hours, description, prerequisites and corequisites

#### FROM:

#### **3212 Eighteenth-Century Studies: Ear Training**

2-hours recitation, 2 hours laboratory; 2 credits

Continuation of Music ~~6.4 and~~ 3211. Musical language and repertory of the pre-Classical and Classical eras. Two-part and harmonic dictation. The C-clef. (Not open to students who have completed Music 6.2.)

Prerequisite: Music 6.1 or 3211 ~~and 7.1 or 3231~~.

Corequisite: Music ~~7.2 or 3232; and Music 69.2 or 3222~~ or the minimum piano requirement for music majors.

#### TO:

#### **3212 Eighteenth-Century Studies: Ear Training II**

3 hours recitation, 2 hours laboratory; 2 credits

Continuation of Music 3211. Musical language and repertory of the pre-Classical and Classical eras. Two-part and harmonic dictation. The C-clef. (Not open to students who have completed Music 6.2.)

Prerequisite: Music 6.1 or 3211, and 3221; or placement examination.

Corequisite: Music 3222.

**Rationale:** The changes will help the Conservatory better achieve its goals of teaching students the ability to read music on sight and to identify and notate aurally experienced musical events, and will help students gain a functional knowledge of the terminology and grammar of music. Improvement of keyboard skills is now assured through a specific keyboard corequisite.

**Date of departmental approval:** Oct. 12, 2010

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in title, hours, description, prerequisites and corequisites

#### FROM:

#### **3213 Nineteenth-Century Studies: Ear Training**

2 hours recitation, 2 hours laboratory; 2 credits

Continuation of Music 6.2 and 3212 [21.2]. Musical language and repertory of the Romantic era. Not open to students who have completed Music 6.3.

Prerequisite: Music 6.2 or 3212 and ~~7.2 or 3232~~; and ~~Music 69.2 or 3222~~ or the minimum piano requirement for music majors.

Corequisite: Music ~~7.3 or 3232 [23.3]~~; and ~~Music 3223 [22.3]~~ or the minimum piano requirement for music majors.

#### TO:

#### **3213 Nineteenth-Century Studies: Ear Training III**

3 hours recitation, 2 hours laboratory; 2 credits

Continuation of Music 6.2 and 3212 [21.2]. Musical language and repertory of the Romantic era. Not open to students who have completed Music 6.3 or 21.3.

Prerequisites: Music 6.2 or 3212, and 3222; or placement examination.

Corequisites: Music 3223.

**Rationale:** The changes will help the Conservatory better achieve its goals of teaching students the ability to read music on sight and to identify and notate aurally experienced musical events, and will help students gain a functional knowledge of the terminology and grammar of music. It will also help build the students' understanding of musical elements (rhythm, melody, harmony, timbre, texture, dynamics, form) and their application in aural and score analysis. Improvement of keyboard skills is now assured through a specific keyboard corequisite.

**Date of departmental approval:** Oct. 12, 2010

**Effective Date:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in title, hours, prerequisites and corequisites

#### FROM:

#### **3214 Twentieth-Century Studies: Ear Training**

2 hours recitation, 2 laboratory; 2 credits

Continuation of Music 6.3 and 3213. Musical language and repertory of the modern era. (Not open to students who have completed Music 6.4.)

Prerequisites: Music 6.3 or 3213 [21.3] and ~~7.3 or 3233 [23.3]; and Music 3223 [22.3]~~ or the minimum piano requirement for music majors.

Corequisite: ~~Music 7.4 or 3234 [23.4]; and Music 3224 [22.4]~~ or the minimum piano requirement for music majors

#### TO:

#### **3214 Twentieth-Century Studies: Ear Training IV**

3 hours recitation, 2 hours laboratory; 2 credits

Continuation of Music 6.3 and 3213. Musical language and repertory of the modern era. (Not open to students who have completed Music 6.4.)

Prerequisite: Music 6.3 or 3213 [21.3], 3223; or placement examination.

Corequisite: Music 3224.

**Rationale:** The changes will help the Conservatory better achieve its goals of teaching students the ability to read music on sight and to identify and notate aurally experienced musical events, and will help students gain a functional knowledge of the terminology and grammar of music. It will also help build the students' understanding of musical elements (rhythm, melody, harmony, timbre, texture, dynamics, form) and their application in aural and score analysis. Improvement of keyboard skills is now assured through a specific keyboard corequisite.

**Date of departmental approval:** Oct. 12, 2010

**Effective Date:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in hours and description.

#### FROM:

##### **3221 Keyboard workshop I**

~~4~~ hour recitation, a minimum of ~~5~~ hours independent practice; 1 credit

~~Reading bass and treble clefs. Major and minor scales, simple chord progressions and their application, block chord pieces, simple dances. Sight-reading and prepared pieces. (Not open to students who satisfy the minimum piano requirement for music majors or who have completed Music 69.1.)~~

Prerequisite: placement examination.

#### TO:

##### **3221 Keyboard Workshop I**

2 hours 2 recitation, a minimum of 6 hours independent practice; 1 credit

Introduction to keyboard: reading in treble and bass clefs, fingering, coordination drills. Keyboard theory: intervals, chords, scales. Simple repertoire for two hands. Sight-reading, transposition exercises, melodic harmonization using primary chords, creative improvisation activities and ensemble work

Prerequisite: placement examination.

**Rationale:** The changes will help the Conservatory better achieve its goals of teaching students the ability to read music on sight and develop functional keyboard skills, and will help students gain a functional knowledge of the terminology and grammar of music.

**Date of departmental approval:** Oct. 12, 2010

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in hours and description.

#### FROM:

##### **3222 Keyboard Workshop II**

4 hour recitation, a minimum of 5-hours independent practice; 1 credit

~~Continuation of Music 69.1 or 3221. Harmonic sequences. Sight-reading a simple block-chord piece. Playing a prepared piece at the level of Bach's Notebook for Anna Magdalena Bach or Bartok's Mikrokosmos, Book 2. Not open to students who have completed Music 69.2.~~

~~Prerequisite: Music 69.1 or 3221.~~

#### TO:

##### **3222 Keyboard Workshop II**

2 hours recitation, a minimum of 6 hours independent practice; 1 credit

Continuation of Music 69.1 or 3221. Keyboard theory: scales in all keys, triads and their inversions, dominant seventh chords, chord progressions. Easy repertoire by Bartók, Beethoven, Diabelli, Haydn, Mozart. Sight-reading, transposition, melodic harmonization using various accompaniment styles, creative improvisation activities and ensemble work.

Prerequisite: Music 3221 or placement examination.

**Rationale:** The changes will help the Conservatory better achieve its goals of teaching students the ability to read music on sight and develop functional keyboard skills, and will help students gain a functional knowledge of the terminology and grammar of music. The placement exam will allow students at a more advanced level to place out of Keyboard Workshop I.

**Date of departmental approval:** Oct. 12, 2010

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in hours, description, and prerequisites.

#### FROM:

#### **3223 Keyboard Workshop III**

1 hour recitation, a minimum of 5 hours independent practice; 1 credit

~~Continuation of 3222. Use of MIDI applications. Improvisation. Harmonizing melodies and transposing simple pieces.~~

~~Prerequisite: Music 3222 or 69.1.~~

#### TO:

#### **3223 Keyboard Workshop III**

1 hour recitation, a minimum of 6 hours independent practice; 1 credit

Continuation of Music 3222. Keyboard theory: chord progressions, scale harmonization, secondary dominants. Technical studies, selected repertoire-intermediate level, sight-reading, transposition, melodic harmonization using minor chords, secondary dominants, creative improvisation and ensemble work.

Prerequisite: Music 3222 or placement examination.

**Rationale:** The changes will help the Conservatory better achieve its goals of teaching students the ability to read music on sight and develop functional keyboard skills, and will help students gain a functional knowledge of the terminology and grammar of music. It will also speak to our goals of providing experience in improvising and building the students' understanding of musical elements (rhythm, melody, harmony, timbre, texture, dynamics, form) and their application in aural and score analysis. The placement exam will allow students at a more advanced level to place out of Keyboard Workshop I and II.

**Date of departmental approval:** Oct. 12, 2010

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in hours, description, and prerequisites.

#### FROM:

#### **3224 Keyboard Workshop IV**

1 recitation, a minimum of 5 hours independent practice; 1 credit

Continuation of 3223. ~~Transpositions. Improvisation. Score reading.~~  
Prerequisite: Music 3223.

#### TO:

#### **3224 Keyboard Workshop IV**

1 hour recitation, a minimum of 6 hours independent practice; 1 credit

Continuation of Music 3223. Keyboard theory: altered chords and modulation.  
Twentieth-century idioms: clusters, serialism, mixed meters. Informal idioms: 12-bar  
blues, ragtime, Latin rhythms. Technical studies, selected intermediate-advanced  
repertoire, sight-reading, melodic harmonization using altered chords, secondary  
dominants, accompanying, score reading.  
Prerequisite: Music 3223 or placement examination.

**Rationale:** The changes will help the Conservatory better achieve its goals of teaching students the ability to read music on sight and fully develop functional keyboard skills, and will help students gain a functional knowledge of the terminology and grammar of music. It will also speak to our goals of providing experience in improvising and building the students' understanding of musical elements (rhythm, melody, harmony, timbre, texture, dynamics, form) and their application in aural and score analysis. The placement exam will allow students at a more advanced level to place out of Keyboard Workshop I, II and III.

**Date of departmental approval:** Oct. 12, 2010

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in title, hours, credits, description, and prerequisites

#### FROM:

#### **3241 Music History and Score Analysis I: ~~Middle Ages through Late Baroque~~**

~~3~~ hours; ~~3~~ credits

~~Western music from the Middle Ages through the mid-eighteenth century. Major genres, forms, styles, composers, cultural features. Score analysis. (Not open to students who have completed Music 11.2.)~~

~~Prerequisites: Music 6.1 or 3211, 7.1 or 3231, and 3247 or Core Curriculum 1130 or permission of the director.~~

#### TO:

#### **3241 Music History and Score Analysis I: Ancient Music through 1750**

4 hours; 4 credits

Western music from ancient traditions through the mid-eighteenth century. Parallel discussion of Western traditions with musical traditions and iconography of cultures such as those of India, China, and Northern Africa. Major genres, forms, styles, composers, cultural features. Score analysis of notated traditions. (Not open to students who have completed Music 11.2 or 24.)

Prerequisite: Music 3211, ~~3221~~, and Core Curriculum 1130 or Music 3247; or permission of the director.

**Rationale:** Although Western art music remains the primary focus in these courses, the Conservatory seeks to amplify and contextualize the European classical tradition with world musics from non-Western traditions, both notated and non-notated. Ideally, students will appreciate the beauty, complexity, and influence of other musical traditions, as have the composers traditionally taught in these courses. In addition, the understanding of form, harmony, and historical context will be enriched by this holistic and cultural approach to historical inquiry, better preparing undergraduates for the many and varied musical traditions they encounter daily as cosmopolitan musicians.

**Date of departmental approval:** March 15, 2011

**Date of approval by WAC committee:** ???

**Effective Date:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in title, hours, credits, description, and prerequisites.

#### FROM:

#### **3242 Music History and Score Analysis II: ~~Pre-Classical through Romanticism~~**

~~3~~ hours; ~~3~~ credits

~~Western music from the mid-eighteenth through late nineteenth centuries. Major genres, forms, styles, composers, cultural features. Score analysis. (Not open to students who have completed Music 11.3).~~

~~Prerequisite: Music 11.2 or 3241 or permission of the director.~~

#### TO:

#### **3242 Music History and Score Analysis II: Late 18<sup>th</sup> and 19<sup>th</sup> Century**

4 hours; 4 credits

Western music from the mid-eighteenth century through the beginning of the 20th century. Parallels drawn between European art music and influential musics from areas such as the United States, Latin America/Caribbean, Africa, the Mid-east, Asia, and Eastern Europe (folk traditions). Major genres, forms, styles, composers, cultural features. Score analysis. (Not open to students who have completed Music 11.3 or 24.2.)

Prerequisite: Music 3212, 3222, 3235; 3241 or 11.2; or permission of the director.

**Rationale:** Although Western art music remains the primary focus in these courses, we seek to amplify and contextualize the European classical tradition with world musics from non-Western traditions, both notated and non-notated. Ideally, students will appreciate the beauty, complexity, and influence of other musical traditions, as have the composers traditionally taught in these courses. In addition, the understanding of form, harmony, and historical context will be enriched by this holistic and cultural approach to historical inquiry, better preparing undergraduates for the many and varied musical traditions they encounter daily as cosmopolitan musicians.

**Date of departmental approval:** March 15, 2011

**Effective Date:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Conservatory of Music

Change in hours, credits, description, and prerequisites.

#### FROM:

#### **3243 Music History and Score Analysis III: Twentieth-Century to the Present**

~~3~~ hours; ~~3~~ credits

~~Western music from 1900 to the present. Major genres, forms, styles, composers, cultural features. Score analysis. (Not open to students who have completed Music 11.4).~~

~~Prerequisite: Music 11.3 or 3242 or permission of the director.~~

#### TO:

#### **3243 Music History and Score Analysis III: Twentieth-Century to the Present**

4 hours; 4 credits

American and European art music from 1900 to the present. Influence of Latin American/Caribbean, African, Mid-eastern, and Asian musics; world popular musics and dance music traditions; jazz; music of Worlds Fairs; new approaches to notation. Major genres, forms, styles, composers, cultural features. Score analysis. (Not open to students who have completed Music 11.4 or 24.3.)

Prerequisite: Music 3213, 3223, 3236; 3242 or 11.3; or permission of the director.

**Rationale:** Although Western art music remains the primary focus in these courses, we seek to amplify and contextualize the European classical tradition with world musics from non-Western traditions, both notated and non-notated. Ideally, students will appreciate the beauty, complexity, and influence of other musical traditions, as have the composers traditionally taught in these courses. In addition, the understanding of form, harmony, and historical context will be enriched by this holistic and cultural approach to historical inquiry, better preparing undergraduates for the many and varied musical traditions they encounter daily as cosmopolitan musicians.

**Date of departmental approval:** March 15, 2011

**Effective Date:** Fall 2011

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

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Psychology**

Change in course title, description and prerequisites

#### **FROM:**

#### **~~2200 Human Life Span~~**

3 hours; 3 credits

Study of the person throughout the lifespan. Emphasis on the physical, cognitive and social development of the individual. ~~(Not open to students who have completed Psychology 2210)~~

~~Prerequisites: Psychology 1000 and permission of the chairperson.~~

#### **TO:**

#### **2200 Lifespan Development**

3 hours; 3 credits

Study of the person throughout the lifespan. Emphasis on the physical, cognitive and social development of the individual.

*Prerequisites: Psychology 1000*

**Rationale:** This course was recently reactivated (10/12/2010). The change in title reflects contemporary descriptions of the content. The changes proposed situate this course as a mid-level course in our curriculum. The exclusion of PSYC 2210 (course description change) is not warranted on pedagogical grounds and with this change, approval of the chair is no longer required (prerequisite change). The exclusion and the prerequisite of chair permission have been a hindrance to psychology majors and non-majors who require this course to support their applications to advanced degrees in areas outside psychology and who also wish to take advanced developmental electives.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Psychology

Change in prerequisite

#### FROM:

#### **3220 Cognitive Development**

3 hours; 3 credits

Theories and experimental evidence relating to development of cognitive processes in children. Language acquisition, perceptual development, symbolic thinking, memory, classification skills, interplay between social and cognitive processes. Independent project.

*Prerequisites* : Psychology 2210 or 25 or ~~Home Economics and Consumer Studies 40.~~

#### TO:

#### **3220 Cognitive Development**

3 hours; 3 credits

Theories and experimental evidence relating to development of cognitive processes in children. Language acquisition, perceptual development, symbolic thinking, memory, classification skills, interplay between social and cognitive processes. Independent project.

*Prerequisites*: Psychology 2200 or 2210 or 25

**Rationale:** PSYC 2200 (Human Life Cycle/Lifespan Development) is a mid-level course in our developmental psychology offerings. It is an appropriate prerequisite for advanced level courses in developmental psychology. It will also allow students who must take PSYC 2200 to support advanced professional degree applications to progress to advanced electives including PSYC 3220.

The prerequisite Home Economics and Consumer Studies 40 is an old listing for an obsolete course number and is deleted for clarity.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Psychology

Change in prerequisite

#### FROM:

#### **3230 Social and Personality Development of Children**

3 hours; 3 credits

**Bulletin description** Origins and processes in the development of social behavior and personality in the child.

*Prerequisites:* Psychology 2210 or 25 or ~~Home Economics and Consumer Studies 40.~~

#### TO:

#### **3230 Social and Personality Development of Children**

3 hours; 3 credits

**Bulletin description** Origins and processes in the development of social behavior and personality in the child.

*Prerequisites:* Psychology 2200 or 2210 or 25

**Rationale:** PSYC 2200 (Human Life Cycle/Lifespan Development) is a mid-level course in our developmental psychology offerings. It is an appropriate prerequisite for advanced level courses in developmental psychology. It will also allow students who must take PSYC 2200 to support advanced professional degree applications to progress to advanced electives including PSYC 3230.

The prerequisite Home Economics and Consumer Studies 40 is an old listing for an obsolete course number and is deleted for clarity.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

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

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Psychology**

Change in prerequisite

#### **FROM:**

#### **3240 Psychological and Developmental Disorders of Childhood**

3 hours; 3 credits

Introduction to the identification, origin, and treatment of psychological and developmental problems and disturbances of early childhood.

Topics include developmental crises and neurological and emotional disorders. Focus on family interactions and understanding disability in cultural context.

*Prerequisites:* Psychology 1000 and either Psychology 2210 or 2810 or Education 2002; or permission of the chairperson.

#### **TO:**

#### **3240 Psychological and Developmental Disorders of Childhood**

3 hours; 3 credits

Introduction to the identification, origin, and treatment of psychological and developmental problems and disturbances of early childhood.

Topics include developmental crises and neurological and emotional disorders. Focus on family interactions and understanding disability in cultural context.

*Prerequisites:* Psychology 1000 and either Psychology 2200 or 2210 or 2810 or Education 2002; or permission of the chairperson.

**Rationale:** PSYC 2200 (Human Life Cycle/Lifespan Development) is a mid-level course in our developmental psychology offerings. It is an appropriate prerequisite for advanced level courses in developmental psychology. It will also allow students who must take PSYC 2200 to support advanced professional degree applications to progress to advanced electives including PSYC 3240 .

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Psychology

Change in prerequisite

#### FROM:

#### **3250 Psychology of Adolescence**

3 hours; 3 credits

Principal features of the psychological development of adolescents. (Not open to students who have completed Education 27.2.)

*Prerequisites:* Psychology 2210 or 25 or ~~Home Economics and Consumer Studies 40.~~

#### TO:

#### **3250 Psychology of Adolescence**

3 hours; 3 credits

Principal features of the psychological development of adolescents. (Not open to students who have completed Education 27.2.)

*Prerequisites:* Psychology 2200 or 2210 or 25

**Rationale:** PSYC 2200 (Human Life Cycle/Lifespan Development) is a mid-level course in our developmental psychology offerings. It is an appropriate prerequisite for advanced level courses in developmental psychology. It will also allow students who must take PSYC 2200 to support advanced professional degree applications to progress to advanced electives including PSYC 3250 .

The prerequisite Home Economics and Consumer Studies 40 is an old listing for an obsolete course number and is deleted for clarity.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Psychology

Change in prerequisite

#### FROM:

#### **3260 Psychology of Aging**

3 hours; 3 credits

Principal psychological and behavioral changes in the aging process.

*Prerequisites:* Psychology 2210 or 25 ~~or Home Economics and Consumer Studies 40.~~

#### TO:

#### **3260 Psychology of Aging**

3 hours; 3 credits

Principal psychological and behavioral changes in the aging process.

*Prerequisites:* Psychology 2200 or 2210 or 25

**Rationale:** PSYC 2200 (Human Life Cycle/Lifespan Development) is a mid-level course in our developmental psychology offerings. It is an appropriate prerequisite for advanced level courses in developmental psychology. It will also allow students who must take PSYC 2200 to support advanced professional degree applications to progress to advanced electives including PSYC 3260 .

The prerequisite Home Economics and Consumer Studies 40 is an old listing for an obsolete course number and is deleted for clarity.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Psychology

Change in prerequisite

#### FROM:

#### **3270 Psychology of the Family**

3 hours; 3 credits

The family as a psychosocial system; the family life-cycle; functional and dysfunctional family interactions and their consequences. Critical review of models of family therapy. Review of empirical evidence and research techniques appropriate to the study of the family.

*Prerequisites:* one of the following: Psychology 2210 or 25 or ~~Home Economics and Consumer Studies 40~~ or Health and Nutrition Sciences 2170; and Psychology 2810.

#### TO:

#### **3270 Psychology of the Family**

3 hours; 3 credits

The family as a psychosocial system; the family life-cycle; functional and dysfunctional family interactions and their consequences. Critical review of models of family therapy. Review of empirical evidence and research techniques appropriate to the study of the family.

*Prerequisites:* one of the following: Psychology 2200 or 2210 or 25 or Health and Nutrition Sciences 2170; and Psychology 2810.

**Rationale:** PSYC 2200 (Human Life Cycle/Lifespan Development) is a mid-level course in our developmental psychology offerings. It is an appropriate developmental prerequisite for advanced level courses in psychology. It will also allow students who must take PSYC 2200 to support advanced professional degree applications to progress to advanced electives including PSYC 3270.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Psychology**

Change in prerequisite

#### **FROM:**

##### **3510 Learning**

3 hours; 3 credits

Basic principles of animal and human learning as developed through the experimental method. Topics selected from: classical conditioning and instrumental learning; punishment and reward; avoidance and reward omission; extinction; generalization and discrimination; motivation of behavior; verbal learning and transfer; general theories of learning; short and long-term memory; and motivation. (Not open to students who have completed Psychology 72.1.)

*Prerequisites:* Psychology 1000 ~~and 40.1.~~

#### **TO:**

##### **3510 Learning**

3 hours; 3 credits

Basic principles of animal and human learning as developed through the experimental method. Topics selected from: classical conditioning and instrumental learning; punishment and reward; avoidance and reward omission; extinction; generalization and discrimination; motivation of behavior; verbal learning and transfer; general theories of learning; short and long-term memory; and motivation. (Not open to students who have completed Psychology 72.1.)

*Prerequisites:* Psychology 1 or 1000.

**Rationale:** PSYC 3510 (Learning) is the only advanced level course with this prerequisite and the psychology department does not see a specific pedagogical or conceptual reason for it at this time. With this deletion we align this course with our other advanced courses.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Psychology

Change in prerequisite

#### FROM:

##### **3520 Perception**

3 hours; 3 credits

Emphasizes seeing and hearing, how these senses provide us with, and limit our information about, the world, and how sensory messages are integrated into perceptions of real objects and events. Topics include sensory psychophysics, space-perception, movement, illusions, influence of emotional and motivational states, age-related changes, and effects of past experience and perceptual expectations. (Not open to students who have completed Psychology 73.1.)

*Prerequisite:* Psychology 1000.

#### TO:

##### **3520 Perception**

3 hours; 3 credits

Emphasizes seeing and hearing, how these senses provide us with, and limit our information about, the world, and how sensory messages are integrated into perceptions of real objects and events. Topics include sensory psychophysics, space-perception, movement, illusions, influence of emotional and motivational states, age-related changes, and effects of past experience and perceptual expectations. (Not open to students who have completed Psychology 73.1.)

*Prerequisites:* Psychology 1000, and 2600 or 3600

**Rationale:** The inclusion of PSYC 2600 (Mind, Brain and Behavior) as a prerequisite for this course is the result of our ongoing review of student performance in our advanced level courses. We have identified the need for preparation additional to that provided at the 1000 level for this course.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

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

## **SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Psychology**  
Change in course prerequisite

### **FROM:**

#### **3660 Drugs and Behavior**

3 hours; 3 credits

Effects of drugs on behavior. Major psychotropic drugs (e.g., stimulants, depressants, psychedelics, narcotics and tranquilizers) and their effects on neural activity, animal behavior and human behavior using an experimental and clinical approach.

*Prerequisites:* ~~Psychology 47 or 48 or 3600 or permission of the chairperson.~~

### **TO:**

#### **3660 Drugs and Behavior**

3 hours; 3 credits

Effects of drugs on behavior. Major psychotropic drugs (e.g., stimulants, depressants, psychedelics, narcotics and tranquilizers) and their effects on neural activity, animal behavior and human behavior using an experimental and clinical approach.

*Prerequisites:* Psychology 2600 or 3600

**Rationale:** This course was recently re-activated. PSYC 2600 (Mind, Brain and Behavior) is a mid-level course and is an appropriate prerequisite for this course. PSYC 47 and 48 are obsolete course numbers.

**Date of department approval:** March 8, 2011

**Effective Date:** Fall 2011

## SECTION A-V CHANGES IN EXISTING COURSES

### Department of Sociology

Changes in course title and description

#### FROM:

#### **3205 Sociology of Globalization**

3 hours; 3 credits

Nature and effects of globalization in the U.S. and internationally. Rise of multinational institutions and their critics. Immigration and cultural transformation in response to political conflict and economic dislocation. Effect on race, class, and gender inequality. *Prerequisite:* Core Curriculum 1230 with a grade of B- or higher, or Core Studies 3 with a grade of B- or higher, or Sociology 1101 or permission of the chairperson.

#### TO:

#### **3205 Sociology of Globalization and Sustainability**

3 hours; 3 credits

Nature and effects of globalization in the U.S. and internationally. Rise of multinational institutions and their critics. Immigration and cultural transformation in response to political conflict, economic dislocation and environmental change. Effect on race, class, and gender inequality. *Prerequisite:* Core Curriculum 1230 with a grade of B- or higher, or Core Studies 3 with a grade of B- or higher, or Sociology 1101 or permission of the chairperson.

**Rationale:** In light of changes in the field, the department felt the need to both update the title of the course and change the course description to bring it in line with what is being covered in the field. We expect that this will result in a renewed interest in the topic among students.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

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

## SECTION A-V CHANGES IN EXISTING COURSES

### Department of Sociology

Changes in prerequisite and hours

#### FROM:

#### **5101 Independent Supervised Research I**

~~3 hours; 3 credits~~

~~Minimum of 9 hours conference and independent work; 3 credits each term.~~

~~Independent research supervised by a faculty member. Approved topic. Periodic conferences. Research paper. Not primarily for department honors.~~

~~*Prerequisite:* completion of an approved program of advanced Sociology Department courses, a Brooklyn College average of 3.0 or higher, an average in Sociology Department courses of 3.5 or higher, and permission of the instructor and the chairperson.~~

#### TO:

#### **5101 Independent Supervised Research I**

Minimum of 9 hours conference and independent work; 3 credits

Independent research supervised by a faculty member. Approved topic. Periodic conferences. Research paper. Not primarily for department honors.

*Prerequisite:* permission of the chairperson.

**Rationale:** The older prerequisites were intended to prevent most students from having access to independent research. The department now chooses to permit a wider range of students to pursue independent research, when deemed appropriate by the department chairperson.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Theater

Change in title, description and hours

#### FROM:

#### ~~1202 Production Practicum I~~

~~5~~ hours per week; 1 credit

~~Shop hours or running crew as assigned by the department. Students attend an orientation and seminars during the term, and submit an evaluation. Students must complete a total of 70 hours over the course of semester. Students may not register for more than two of these courses in any semester without permission of the instructor. Nonmajors may register for no more than two of these courses without registering for a three-credit theater course and permission of the instructor.~~

#### TO:

#### 1202 Scene/Electrics Shop Practicum

3 hours per week; 1 credit

Weekly scene/electrics shop hours in a lab setting. May be taken five times for credit.

**Rationale:** We are changing the way that we offer practica experiences. We will now offer them in a lab format, and make them repeatable for credit. The degree requirements limit the total number of practica credits allowed.

**Date of Approval by the Department:** March 8, 2011

**Effective Date:** Fall 2011

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Theater**

Change in title, description and hours

#### **FROM:**

#### **1203 ~~Production Practicum II~~**

~~5~~ hours per week; 1 credit

~~Shop hours or running crew as assigned by the department. Students attend an orientation and seminars during the term, and submit an evaluation. Students must complete a total of 70 hours over the course of semester. Students may not register for more than two of these courses in any semester without permission of the instructor. Nonmajors may register for no more than two of these courses without registering for a three-credit theater course and permission of the instructor.~~

#### **TO:**

#### **1203 Costume Shop Practicum**

3 hours per week; 1 credit

Weekly Costume Shop hours in a lab setting. May be taken five times for credit.

**Rationale:** We are changing the way that we offer practica experiences. We will now offer them in a lab format, and make them repeatable for credit. The degree requirements limit the total number of practica credits allowed.

**Date of Approval by the Department:** March 8, 2011

**Effective Date:** Fall 2011

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Theater

Change in title and description

#### FROM:

#### **1204 ~~Production Practicum III~~**

5 hours per week; 1 credit

~~Shop hours or running crew as assigned by the department. Students attend an orientation and seminars during the term, and submit an evaluation. Students must complete a total of 70 hours over the course of semester. Students may not register for more than two of these courses in any semester without permission of the instructor. Nonmajors may register for no more than two of these courses without registering for a three-credit theater course and permission of the instructor.~~

#### TO:

#### **1204 Running Crew Practicum I**

5 hours per week; 1 credit

Running Crew on a departmental production. May be taken twice for credit.

Prerequisite: permission of the instructor.

**Rationale:** We are changing the way that we offer practica experiences. The running crew option will be aimed at our more advanced students and require permission of the instructor. It may be taken twice, but the degree requirements limit the total number of practica credits allowed.

**Date of Approval by the Department:** March 8, 2011

**Effective Date:** Fall 2011

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Theater**

Change in title and description

#### **FROM:**

#### **~~1205 Production Practicum IV~~**

~~5 hours per week; 1 credit~~

~~Shop hours or running crew as assigned by the department. Students attend an orientation and seminars during the term, and submit an evaluation. Students must complete a total of 70 hours over the course of semester. Students may not register for more than two of these courses in any semester without permission of the instructor. Nonmajors may register for no more than two of these courses without registering for a three-credit theater course and permission of the instructor.~~

#### **To:**

#### **1205 Running Crew Practicum II**

5 hours per week; 1 credit

Running Crew on a departmental production. May be taken twice for credit.

Prerequisite: permission of the instructor.

#### **Rationale:**

We are changing the way that we offer practica experiences. The running crew option will be aimed at our more advanced students and require permission of the instructor. It may be taken twice, but the degree requirements limit the total number of practica credits allowed.

**Date of Approval by the Department:** March 8, 2011

**Effective Date:** Fall 2011

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

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Theater**

Change in title and description

#### **FROM:**

#### **~~1206 Production Practicum V~~**

5 hours per week; 1 credit

~~Shop hours or running crew as assigned by the department. Students attend an orientation and seminars during the term, and submit an evaluation. Students must complete a total of 70 hours over the course of semester. Students may not register for more than two of these courses in any semester without permission of the instructor. Nonmajors may register for no more than two of these courses without registering for a three-credit theater course and permission of the instructor.~~

#### **TO:**

#### **1206 Running Crew Practicum III**

5 hours per week; 1 credit

Running Crew on a departmental production. May be taken twice for credit.

Prerequisite: permission of the instructor.

#### **Rationale:**

We are changing the way that we offer practica experiences. The running crew option will be aimed at our more advanced students and require permission of the instructor. It may be taken twice, but the degree requirements limit the total number of practica credits allowed.

**Date of Approval by the Department:** March 8, 2011

**Effective Date:** Fall 2011

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

## SECTION A-V: CHANGES IN EXISTING COURSES

### Department of Theater

#### Change in name and description

##### From:

##### **1207 ~~Production Practicum VI~~**

5 hours per week; 1 credit

~~Shop hours or running crew as assigned by the department. Students attend an orientation and seminars during the term, and submit an evaluation. Students must complete a total of 70 hours over the course of semester. Students may not register for more than two of these courses in any semester without permission of the instructor. Nonmajors may register for no more than two of these courses without registering for a three-credit theater course and permission of the instructor.~~

##### To:

##### **1207 Running Crew Practicum IV**

5 hours per week; 1 credit

Running Crew on a departmental production. May be taken twice for credit.

Prerequisite: Permission of the instructor.

##### **Rationale:**

We are changing the way that we offer practica experiences. The running crew option will be aimed at our more advanced students and require permission of the instructor. It may be taken twice, but the degree requirements limit the total number of practica credits allowed.

**Date of Approval by the Department:** March 8, 2011

**Effective Date:** Fall 2011

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

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Theater**

Change in corequisite and designator

#### **FROM:**

#### **+2102 Acting Workshop I**

3 hours; 3 credits

Further study in the craft of acting. Continuation of the exercises and methods introduced in Theater 1101.

*Prerequisite:* Theater 1101

*Corequisite:* ~~see section "Department crew requirements" above.~~

#### **TO:**

#### **2102 Acting Workshop I**

3 hours; 3 credits

Further study in the craft of acting. Continuation of the exercises and methods introduced in Theater 1101.

*Prerequisite:* Theater 1101.

#### **Rationale:**

Majors are required to complete six and minors must complete three practica, making the co-requisite here redundant. Removing the co-requisite will make it easier for non-majors to take the course.

**Date of Approval by the Department:** March 8, 2011

**Effective Date:** Fall 2011

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Theater**

Change in corequisite and designator

**FROM:**

**+2103 Acting Workshop II**

3 hours; 3 credits

Continuation of Theater 2102. May be taken twice for credit.

*Prerequisite:* Theater 2102.

*Corequisite:* ~~see section “Department crew requirements” above.~~

**TO:**

**2103 Acting Workshop II**

3 hours; 3 credits

Continuation of Theater 2102. May be taken twice for credit.

*Prerequisite:* Theater 2102.

**Rationale:** Majors are required to complete six and minors must complete three practica, making the co-requisite here redundant. Removing the co-requisite will make it easier for non-majors to take the course.

**Date of Approval by the Department:** March 8, 2011

**Effective Date:** Fall 2011

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Theater**

Change in number and reactivation

#### **FROM:**

#### **21.2 Costume Rendering**

3 hours; 3 credits

Study and application of the methods, techniques and media used by the costume designer in the realization and presentation of the costume sketch.

Prerequisite: Theater 1201

#### **TO:**

#### **2321 Costume Rendering**

3 hours; 3 credits

Study and application of the methods, techniques and media used by the costume designer in the realization and presentation of the costume sketch.

Prerequisite: Theater 1201

**Rationale:** This inactive course is being given a new-format number in order to be re-activated.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

## **SECTION A-V: CHANGES IN EXISTING COURSES**

### **Department of Theater**

Change in number and reactivation

#### **FROM:**

#### **~~23-1~~ Fundamentals of Stage Lighting**

3 hours; 3 credits

The mechanics of stage lighting; electricity, instruments, control equipment, safety, professional standards of electrical work.

Prerequisite: Theater 1201

#### **TO:**

#### **3340 Fundamentals of Stage Lighting**

3 hours; 3 credits

The mechanics of stage lighting; electricity, instruments, control equipment, safety, professional standards of electrical work.

Prerequisite: Theater 1201

**Rationale:** This inactive course is being given a new-format number in order to be re-activated.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Theater**

Change in number and reactivation

**FROM:**

**~~23.4~~ Stage Lighting Workshop**

6 hours laboratory; 3 credits

Practical laboratory work in stage lighting techniques and mechanics for departmental productions.

Prerequisite: Theater 1201

**TO:**

**4340 Stage Lighting Workshop**

6 hours laboratory; 3 credits

Practical laboratory work in stage lighting techniques and mechanics for departmental productions.

Prerequisite: Theater 1201

**Rationale:** This inactive course is being given a new-format number in order to be re-activated.

**Date of departmental approval:** March 8, 2011

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Anthropology and Archaeology**

Reactivation of course and change in prerequisites

#### **3199 Psychological Anthropology**

Cross-cultural exploration of the cultural and psychological dimensions of human behavior emphasizing non-literate and traditional behavior. Cultural context of personality formation, cognition, illness and curing, altered states of consciousness. Research techniques, theory, contemporary issues. (Not open to students who have completed Anthropology 56.)

Prerequisite: Anthropology 1001 or 2.1 or Psychology 1000 1-~~or-2~~ or Core Curriculum 3208 or Core Studies 9 or permission of the chairperson.

**Rationale:** The Department now has resources to teach the course and we believe there is sufficient student demand for it.

**Date of departmental approval:** February 8, 2011

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Art**

Withdrawal of inactive course

#### **~~18.41 Painting, Ceramics and the Later Arts of China~~**

~~3 hours; 3 credits~~

~~Evolution of the later arts of China from the tenth through the twentieth centuries. Emphasis on the development of painting, calligraphy, and ceramic traditions: jades, lacquer, textiles, architecture and gardens. Art forms considered in cultural and aesthetic contexts. (Not open to students who have completed Art 18.1 or 18.4.) Prerequisite: Art 1050 or 1150 or Core Studies 2.1~~

**Rationale:** This course will not be given in the foreseeable future.

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Art**

Withdrawal of inactive course

**~~18.51 Woodblock Prints of Japan~~**

~~3 hours; 3 credits~~

~~Evolution of woodblock prints of Japan, with emphasis on the important achievements of the eighteenth and nineteenth centuries. Relationships to other Japanese art forms; influence on Western art. Technique, style, subject matter, cultural and social contexts. (Not open to students who have completed Art 18.1.)  
Prerequisite: Art 1050 or 1150 or Core Studies 2.1~~

**Rationale:** This course will not be given in the foreseeable future.

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Art**

Withdrawal of inactive course

**~~26.40 Pictorial Perspective~~**

~~1 hour recitation, 1 hour lecture, 2 hours laboratory, a minimum of 4 hours of independent work; 3 credits~~

~~Graphic connection of forms and their relation in space through perspective drawing systems. (Not open to students who have completed Art 56.)~~

~~Prerequisite: Art 25 or 2210~~

**Rationale:** This course will not be given in the foreseeable future.

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Art**

Withdrawal of inactive course

**~~27.21 Workshop in the History of Art I~~**

~~1 hour recitation, 1 hour lecture, 2 hours laboratory, a minimum of 4 hours of independent work; 3 credits~~

~~The relationship between materials and formal concerns in Western painting from thirteenth to seventeenth centuries. Designed to acquaint the art history major with selected painting techniques. (Not open to students who have completed Art 44.) Prerequisite: Art 26 or 26.11~~

**Rationale:** This course will not be given in the foreseeable future.

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Art**

Withdrawal of inactive course

**~~27.22 Workshop in the History of Art II~~**

~~1 hour recitation, 1 hour lecture, 2 hours laboratory, a minimum of 4 hours of independent work; 3 credits~~

~~Continuation of Art 27.22, to include techniques from the seventeenth century to impressionism. (Not open to students who have completed Art 44 or 44.1.)~~

~~Prerequisite: Art 27.21 or 44.~~

**Rationale:** This course will not be given in the foreseeable future.

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Biology**

Withdrawal of courses

#### **~~1080 General Biology I~~**

~~1 hour recitation, 2 hours lecture, 3 hours laboratory; 4 1/2 credits~~

~~Nature, functioning, and interrelationships of communities and organisms within the biosphere. Evolution, structure, and function of plants and animals. (Not open to students who are enrolled in or have completed Biology 2 or 6.1 or 6.2.)~~

**Rationale:** The Department of Biology has revised its curriculum and now has a year of general biology (Bio 1001 and 1002) that is common for majors and non-majors. Therefore the two general biology courses previously designed specifically for non-majors are being withdrawn.

**Date of approval by the department:** March 8, 2011

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Biology**

Withdrawal of course

**~~1081 General Biology II~~**

~~1 hour recitation, 2 hours lecture, 3 hours laboratory; 4 1/2 credits~~

~~Continuation of Biology 1080. Cell structure, physiology, and genetics. Interrelationships of form and function in metabolism and embryonic development. (Not open to students who are enrolled in or have completed Biology 1.)~~

**Rationale:** The Department of Biology has revised its curriculum and now has a year of general biology (Bio 1001 and 1002) that is common for majors and non-majors. Therefore the two general biology courses previously designed specifically for non-majors are being withdrawn.

**Date of approval by the department:** March 8, 2011

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Classics**

Withdrawal of course

#### **~~14 Gender and Sexuality in Ancient Greece and Rome~~**

~~3 hours; 3 credits~~

~~An exploration into the ways in which individual sexual experience was categorized and evaluated by society in the ancient world, with special attention to questions of gender role, sexual orientation, and the intersection of the personal and the political. Evidence from such literary and nonliterary sources as lyric poetry, epigram, drama, oratory, history, philosophy, epigraphy, and the visual arts.~~

~~*Prerequisite:* Core Studies 1 or Core Curriculum 1110 or permission of the chairperson.~~

**Rationale:** Apparently the number of this course had been changed (to 62.3 and then to 4032) but the original course was never withdrawn. It is being withdrawn now.

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Classics**

Withdrawal of course

**~~15W Greek and Roman Mythology~~**

~~3 hours; 3 credits~~

~~Classical myths and modern theories of mythology. Readings in English translation from the ancient sources. Writing intensive course.~~

~~*Prerequisite:* Core Studies 1 or Core Curriculum 1110, and English 1012; or permission of the chairperson.~~

**Rationale:** This course is inactive and will not be offered again in the foreseeable future.

**Effective date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Department of Classics

Withdrawal of course

#### ~~16 Rome: City of Empire~~

~~3 hours; 3 credits~~

~~The rise of Rome as the capital of an empire. Urban environment: housing, public buildings, monuments. Portrayals in literature of the Roman empire. Varied population of Rome: distinctions among social classes; role of women; ethnic minorities (e.g., Greeks, Jews, Christians). Later transformation of city and empire.  
*Prerequisite:* Core Studies 1 or Core Curriculum 1110 or permission of the chairperson.~~

**Rationale:** Apparently, this inactive course was subsumed into another course (62.1) and renumbered (4030) but the original course was never withdrawn. It is being withdrawn now.

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Classics**

Withdrawal of course

#### **~~17 Delphi and Apollo: The Oracle and the Site~~**

~~3 hours; 3 credits~~

~~The religious, historical, and social significance of Apollo's shrine at Delphi. Literary and archaeological evidence. Athletic festivals held on the site.~~

~~*Prerequisite:* Core Studies 1 or Core Curriculum 1110 or permission of the chairperson.~~

**Rationale:** Apparently the number of this course had been changed (to 60.3 and then to 4012) but the original course was never withdrawn. It is being withdrawn now.

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Classics**

Withdrawal of course

~~**18 Democracy and Imperialism: Athens in the Fifth Century BC**~~

~~3 hours; 3 credits~~

~~The development of Athenian ideas about democracy and empire in the fifth century through a study of the literature of the period.~~

~~*Prerequisite:* Core Studies 1 or Core Curriculum 1110 or permission of the chairperson.~~

**Rationale:** Apparently the number of this course had been changed (to 60.1 and then to 4010) but the original course was never withdrawn. It is being withdrawn now.

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Classics**

Withdrawal of course

#### **~~37 Pagans, Christians, and Jews~~**

~~3 hours; 3 credits~~

~~Religious conflict in the Roman Empire. The relation of Judaism and Christianity to their pagan environment.~~

~~*Prerequisite:* Core Studies 1 or Core Curriculum 110 or permission of the chairperson.~~

**Rationale:** Apparently the number of this course had been changed (to 61.2 and then to 4021) but the original course was never withdrawn. It is being withdrawn now.

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Classics**

Withdrawal of course

#### **~~84.7 Interdepartmental Humanities Seminar~~**

~~3 hours; 3 credits~~

~~A significant recurrent theme in Western literature and philosophy. Course description may be obtained in the department office before registration. Reports and term paper. Offered jointly by the Departments of Classics, English, hilosophy. This course is the same as Comparative Literature 84.7, English 84.7, Philosophy 84.7.~~

~~*Prerequisite:* a grade of B or higher in six credits in advanced courses in the major field and permission of the instructors and the chairperson.~~

**Rationale:** Apparently the number of this course had been changed (to 74.7 and then to 5000) but the original course was never withdrawn. It is being withdrawn now.

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Earth and Environmental Sciences**

Withdrawal of course

**~~\*0.5 Introductory Oceanography~~**

~~3 hours; 3 credits~~

~~Introduction to the sciences of the sea. Unity of the marine sciences and their importance to human society. Relationships between oceanography and biology, chemistry, geology, and physics. (Not open to students who have completed Earth and Environmental Sciences 44.)~~

**Rationale:** There are no plans to offer this course in the foreseeable future.

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Earth and Environmental Sciences**

Withdrawal of course

#### **~~22 Geological Problems and Opportunities in Urban Areas~~**

~~2 hours lecture, 2 hours laboratory; 3 credits~~

~~Geologic aspects of environmental problems and opportunities of urban areas: water supply, waste disposal, construction materials, foundations, ground stability, stream floods, and coastal processes. Geology and urban and regional planning. Geology and the origin, evolution, and future of cities. Laboratory work includes the construction and use of observational and judgmental maps.~~

~~*Prerequisite:* Earth and Environmental Sciences 1; or permission of the chairperson.~~

**Rationale:** This course had been replaced by a writing-intensive version, but the original course had never been formally withdrawn.

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Earth and Environmental Sciences**

Withdrawal of course

#### **~~38.1 Earth Science: Planetology—The Earth Perspective~~**

~~2 hours lecture, 2 hours laboratory; 3 credits~~

~~The solar system; planetary bodies: sizes, composition, interior; meteorites; Sun-Earth-Moon relations; planetary environments; surface processes; heat balance and climates; earth's climatic and environmental features.~~

~~*Prerequisite or corequisite:* Earth and Environmental Sciences 1.~~

**Rationale:** There are no plans to offer this course in the foreseeable future.

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Economics**

Reactivation of course and change of course number and prerequisite

#### **3165 ~~65.3~~ American Economic History**

3 hours; 3 credits

The nature and sources of American economic growth from the colonial period to the present. The development of colonial economy; economic growth before the Civil War; industrialization of the American economy and the rise of big business; government, business, and labor, including the changing participation of women and minorities in the era of industrial maturity; the creation of a managed economy in the mid-twentieth century. This course is the same as History 3470.

*Prerequisite:* Core Studies 4, or Core Curriculum 1220, or Economics 2100, or permission of the chairperson

**Rationale:** This course was overlooked in the recent course renumbering activity and accidentally became inactive.

**Date of departmental approval:** March 23, 2011

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of Economics**

Reactivation of course and change of number and description

#### **3375 ~~70.9~~ **Financial Instruments and their Pricing****

4 hours; 4 credits

Definitions of some of the most important derivative securities traded in the financial markets: forward and futures contracts, caplets, caps, swaps, and options (Call, Put, Barrier, Bermudan, Asian, Digital, Exotic). The principles of arbitrage pricing and risk-neutral pricing, discrete-time binomial trees. The continuous time Black Scholes model and the Capital Asset Pricing model. The pricing of interest rates in an arbitrage-free framework and important interest rate models. Concentration on stochastic modelling and applications. (This course is the same as Business 3375 and Mathematics 4601.) Prerequisite: Mathematics 3601 or Business 3370 or Economics 3370

**Rationale:** This course was overlooked in the recent course renumbering activity and accidentally became inactive. It is now being restored to active status.

**Date of departmental approval:** March 23, 2011

**Effective date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Department of English

Withdrawal of course

#### ~~\*2.7 Introduction to Literature~~

~~1 hour recitation, 4 hours lecture, conference, and independent work§; 5 credits~~

~~English and American fiction, drama, and poetry. Continued emphasis on writing clear expository prose. At least four papers. (Not open to students who are enrolled in or have completed Core Studies 1.5, 4.5, or 6.5 with a grade of C or higher. Not open to students who are enrolled in or have completed English 2 or 2.4 or 3.4 or 4.4.)~~

~~Prerequisite: English 1.7.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Department of English

Withdrawal of course

#### **\*4.4 Poetry**

~~3 hours; 3 credits~~

~~Essential elements of poetry illustrated by British and American writers. Continued emphasis on writing clear expository prose. (Not open to students who have completed English 2.7 or 3.1.)~~

~~Prerequisite: English 1.2 or 1.7 or 1012.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Department of English

Withdrawal of course

#### ~~#20.1 Tutorial in Writing Fiction I~~

~~Minimum of 9 hours of conference and independent work; 3 credits~~

~~Extensive examination of the whole body of an individual student's work including some reading of appropriate fiction.~~

~~Corequisite: English 15.1 and permission of the chairperson.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Department of English

Withdrawal of course

#### ~~#20.2 Tutorial in Writing Fiction II~~

~~Minimum of 9 hours of conference and independent work; 3 credits~~

~~Continuation of work begun in English 20.1. Students are encouraged to prepare and send out work for publication. Review of a collection of short stories by a contemporary author.~~

~~Corequisite: English 15.2 and permission of the chairperson.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Department of English

Withdrawal of course

#### ~~#20.3 Tutorial in Writing Poetry I~~

~~Minimum of 9 hours of conference and independent work; 3 credits~~

~~Extensive examination of the whole body of an individual student's work including some reading of appropriate poetry.~~

~~Corequisite: English 16.1 and permission of the chairperson.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of English**

Withdrawal of course

**~~#20.4 Tutorial in Writing Poetry II~~**

~~Minimum of 9 hours of conference and independent work; 3 credits~~

~~Continuation of work begun in English 20.3. Students are encouraged to prepare and send out work for publication. Review of a collection of poetry by a contemporary poet. *Corequisite:* English 16.2 and permission of the chairperson.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of English**

Withdrawal of course

**~~#20.5 Tutorial in Writing Plays I~~**

~~Minimum of 9 hours of conference and independent work; 3 credits~~

~~Extensive examination of the whole body of an individual student's work including some reading of appropriate plays.~~

~~Corequisite: English 17.1 and permission of the chairperson.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Department of English

Withdrawal of course

#### ~~#20.6 Tutorial in Writing Plays II~~

~~Minimum of 9 hours of conference and independent work; 3 credits~~

~~Continuation of work begun in English 20.5. Students are encouraged to prepare and send out work for publication. Review of a collection of plays by a contemporary playwright.~~

~~Corequisite: English 17.2 and permission of the chairperson.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Department of English

Withdrawal of course

#### **24.6 English Usage**

~~3 hours; 3 credits~~

~~Prescriptive and descriptive grammars of English. Development of the doctrine of correctness and the factors influencing usage. (Not open to students who have completed English 25.)~~

~~Prerequisite: English 1.2 or 1.7 or 1012.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of English**

Withdrawal of course

**~~24.9W Introduction to Semiology~~**

~~4 hours; 3 credits~~

~~The study of semiology as a branch of linguistics. Its influence on the analysis of language, culture, and text. The nature of structures and systems of signs in relationship to literature and culture. Writing-intensive section.~~

~~*Prerequisite:* English 1012.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Department of English

Withdrawal of course

#### **~~65W Literature for Young People~~**

~~4 hours; 3 credits~~

~~Literature appropriate for students in elementary and secondary schools. Fundamentals of literature and basic reading of interest to young people. Writing-intensive section.~~

~~(Not open to students who have completed English 56 or 57.)~~

~~*Prerequisite:* English 1012.~~

**Rationale:** The function of this course has been taken over by other courses in the department but the course remains on the registrar's database as an inactive course. This withdrawal officially removes the course from the database.

**Effective Date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Department of English**

Withdrawal of course

#### **~~84.7 Interdepartmental Humanities Seminar~~**

~~3 hours; 3 credits~~

~~A significant recurrent theme in Western literature and philosophy. Course description may be obtained in the department office before registration. Reports and term paper. Offered jointly by the Departments of Classics, English, Philosophy. This course is the same as Comparative Literature 84.7, English 84.7, Philosophy 84.7.~~

~~*Prerequisite:* a grade of B or higher in six credits in advanced courses in the major field and permission of the instructors and the chairperson.~~

**Rationale:** Apparently the number of this course had been changed (to 74.7 and then to 5000) but the original course was never withdrawn. It is being withdrawn now.

**Effective date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Ford Colloquium

Withdrawal of course

### ~~73 Critical Analysis in Scholarship and Research~~

~~3 hours; 3 credits~~

~~Reexamines disciplines studied and used in the junior year from the standpoint of philosophy of knowledge; foundational and historical criticism of the concept of scholarly discipline; diversity of disciplinary expressions for knowledge; dynamics of change. Approach is through collaborative inquiry, essays, and oral reports.~~

~~*Prerequisite:* Ford Colloquium 62 and satisfactory completion of an approved research project in the major field, and permission of the Ford Colloquium director.~~

**Rationale:** The Ford Colloquium is defunct and there are no plans to offer this course for the foreseeable future.

**Effective date:** Fall 2011

## **SECTION A-VI: OTHER CHANGES**

### **Ford Colloquium**

Withdrawal of course

### **~~74 Knowledge and Society~~**

~~3 hours; 3 credits~~

~~Reexamines academic discipline, research, and teaching from the standpoint of society; professionalization and institutionalization of academic life; economic, political, social implications, and constraints; public and private funding; stresses of paradigm matenance and change on institutions and individuals; rhetoric and writing; pedagogy and curriculum; ethics and credibility.~~

~~*Prerequisite:* Ford Colloquium 73 and permission of the Ford Colloquium director.~~

**Rationale:** The Ford Colloquium is defunct and there are no plans to offer this course for the foreseeable future.

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Judaic Studies**

Withdrawal of course

**~~3496 Jewish Religious Movements in America~~**

~~3 hours; 3 credits~~

~~Study of Jewish denominations in the United States. Ideologies and institutions of Orthodox, Conservative, Reform, and Reconstructionist Judaism. Contemporary Jewish issues.~~

**Rationale:** This course is very specialized, and was taught by a leading scholar in the field who has since retired.

**Date of approval by Departmental:** March 8, 2011

**Effective Date of the Change:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Judaic Studies**

Withdrawal of course

**~~4051 The Nazi Concentration Camps~~**

~~3 hours; 3 credits~~

~~Analysis of the Nazi concentration and extermination camps as the arena of the Holocaust. History, ideology, and organization of the camps; the psychology of their bureaucrats and guards; and the response of Jewish and other inmates.~~

**Rationale:** This course is very specialized, and was taught by a leading scholar in the field who has since retired.

**Date of approval by Departmental:** March 8, 2011

**Effective Date of the Change:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Judaic Studies**

Withdrawal of course

**~~4525 Nazi War Crimes: Laws and Trials~~**

~~3 hours; 3 credits~~

~~Analysis of postwar trials of Nazi criminals. Laws and procedures used to bring them to trial. Nuremberg and other Allied trials; trials in postwar West Germany; denaturalization proceedings in the United States.~~

**Rationale:** This course is very specialized, and was taught by a leading scholar in the field who has since retired.

**Date of approval by Departmental:** March 8, 2011

**Effective Date of the Change:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Modern Languages and Literatures**

**Chinese**

Withdrawal of course

**3 Intermediate Chinese I**

4 hours; 4 credits

Intermediate practical conversation and graded textbook readings.

Prerequisite: Chinese 2 or two years of high school Chinese or permission of the department chairperson.

## SECTION A-VI: OTHER CHANGES

### Conservatory of Music

Withdrawal of courses

#### ~~3231 Introductory Studies in Musicianship: Theory of Music~~

~~3 hours; 3 credits~~

~~Introduction to melodic structure, rhythmic and metric organization, harmony, and voice-leading. Development of basic writing skills. Not open to students who have completed Music 7.1 or 23.1.~~

~~Prerequisite: placement examination.~~

~~Corequisite: Music 6.1 or 3211 [21.1]; and Music 69.1 or 3221 [22.1] or the minimum piano requirement for music majors.~~

**Rationale:** The four courses Music 3231-3234 are being replaced by new courses 3235, 3236, and 3237 (see Section A-IV above); thus they no longer need to be listed. In line with the Conservatory faculty's wish to strengthen its core musicianship courses, the new four-credit courses will foster a more cogent and concentrated learning of music theory through detailed analysis of selected musical works and graded compositional exercises. Henceforth students will not start this theory sequence until they have completed one semester of Ear Training and Keyboard Workshop.

## SECTION A-VI: OTHER CHANGES

### Conservatory of Music

Withdrawal of courses

#### **~~3232 Eighteenth-Century Studies: Theory of Music~~**

~~3 hours; 3 credits~~

~~Continuation of Music 7.1 or 3231 [23.1]. Harmonic and contrapuntal vocabulary and techniques of the pre-Classical and Classical eras. Application to writing after appropriate models.~~

~~Not open to students who have completed Music 7.2 or 23.2.~~

~~*Prerequisite:* Music 6.1 or 3211 [21.1] and 7.1 or 3231 [23.1]; Music 69.1 or 3221 [22.1].~~

~~*Corequisite:* Music 6.2 or 3212 [21.2]; and Music 69.2 or 3222 [22.2] or the minimum piano requirement for music majors.~~

**Rationale:** The four courses Music 3231-3234 are being replaced by new courses 3235, 3236, and 3237 (see Section A-IV above); thus they no longer need to be listed. In line with the Conservatory faculty's wish to strengthen its core musicianship courses, the new four-credit courses will foster a more cogent and concentrated learning of music theory through detailed analysis of selected musical works and graded compositional exercises. Henceforth students will not start this theory sequence until they have completed one semester of Ear Training and Keyboard Workshop.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Conservatory of Music

Withdrawal of courses

#### ~~3233 Nineteenth-Century Studies: Theory of Music~~

~~3 hours; 3 credits~~

~~Continuation of Music 7.2 or 3232 [23.2]. Harmonic and contrapuntal vocabulary and techniques of the Romantic era. Application to writing after appropriate models. Not open to students who have completed Music 7.3 or 23.3.~~

~~Prerequisite: Music 6.2 or 3212 [21.2] and 7.2 or 3232 [23.2]; and Music 69.2 or 3222 [22.2] or the minimum piano requirement for music majors.~~

~~Corequisite: Music 6.3 or 3213 [21.3]; Music 3223 [22.3] or the minimum piano requirement for music majors.~~

**Rationale:** The four courses Music 3231-3234 are being replaced by new courses 3235, 3236, and 3237 (see Section A-IV above); thus they no longer need to be listed. In line with the Conservatory faculty's wish to strengthen its core musicianship courses, the new four-credit courses will foster a more cogent and concentrated learning of music theory through detailed analysis of selected musical works and graded compositional exercises. Henceforth students will not start this theory sequence until they have completed one semester of Ear Training and Keyboard Workshop.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective date:** Fall 2011

## SECTION A-VI: OTHER CHANGES

### Conservatory of Music

Withdrawal of courses

#### ~~3234 Twentieth-Century Studies: Theory of Music~~

~~3 hours; 3 credits~~

~~Continuation of Music 7.3 or 3233 [23.3]. Harmonic and contrapuntal vocabulary and techniques of the modern era. Application to writing after appropriate models. Not open to students who have completed Music 7.4 or 23.4.~~

~~Prerequisite: Music 6.3 or 3213 [21.3] and 7.3 or 3233 [23.3]; Music 3223 [22.3] or the minimum piano requirement for music majors.~~

~~Corequisite: Music 6.4 or 3214 [21.4]; Music 3224 [22.4] or the minimum piano requirement for music majors.~~

**Rationale:** The four courses Music 3231-3234 are being replaced by new courses 3235, 3236, and 3237 (see Section A-IV above); thus they no longer need to be listed. In line with the Conservatory faculty's wish to strengthen its core musicianship courses, the new four-credit courses will foster a more cogent and concentrated learning of music theory through detailed analysis of selected musical works and graded compositional exercises. Henceforth students will not start this theory sequence until they have completed one semester of Ear Training and Keyboard Workshop.

**Date of Departmental Approval:** Oct. 12, 2010

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Speech Communication Arts and Sciences**

Withdrawal of course

**~~1701 Performing Core Literature~~**

~~1 hour recitation; 1 credit~~

~~Oral interpretation of literature studied in Core Studies 1 and Core Studies 6. (Not open to students who have completed Speech 1714.)~~

~~Corequisite: Core Studies 1 or 6.~~

**Rationale:** The Department of Speech Communication Arts & Sciences wishes to withdraw this course since Core Studies courses no longer have a restricted body of literature that will permit performance.

**Date of departmental approval:** February 8, 2011

**Effective date:** Fall 2011

**SECTION A-VI: OTHER CHANGES**

**Department of Sociology**

Withdrawal of course

**~~90 Senior Seminar~~**

~~3 hours and independent work§; 4 credits~~

~~Capstone seminar for majors. Topics will vary each semester. Course description may be obtained in the Sociology Department office prior to registration. Final paper involves empirical research and is written in the style of an academic journal article.~~

~~*Prerequisite:* Sociology 18 and 19 with a combined grade point average of 2.50 or higher in the two; senior status.~~

**Rationale:** This course will not be offered in the foreseeable future.

**Date of approval by Departmental:** March 8, 2011

**Effective Date of the Change:** Fall 2011

## APPENDIX

**Special Topics:** The committee has approved the following special topics for the term indicated and informed the Provost of the committee's approval. These items do not require Faculty Council action and are announced here for information only.

*The Special Topics listed below are each a first offering in Summer 2011.*

BIOL 5020 Special Topics: Conservation Biology

*The Special Topics listed below are each a first offering in Fall 2011.*

ANTH 3010 Special Topics: Fossils and Extinction

ANTH 3500 Special Topics: Mesoamerica

BIOL 5020 Special Topics: Applied Bioinformatics

EESC 4050: Special Topics: Sustainable Food Production: Aquaculture, Hydroponics  
And Aquaponics

INDS 1001 Special Mini-topics: Problem Solving

MUSC 3493 Special Topics: Building Electronic Musical Instruments

*The Special Topics listed below are each a second offering in Fall 2011.*

AFST 3190 Special Topics: Gender in Contemporary Africa

CORC 3106 Special Topics: Legend of King Arthur

POLS 3501 Special Topics: Gender in Contemporary Africa

SOCY 3902 Special Topics: Gender in Contemporary Africa

WMST 3550 Special Topics: Gender in Contemporary Africa