REVISED

BROOKLYN COLLEGE
OF
THE CITY UNIVERSITY OF NEW YORK
FACULTY COUNCIL

Meeting of 02/10/2015

The Committee on Graduate Curriculum and Degree Requirements herewith submits its recommendations in Curriculum Document 225

Respectfully submitted,

David Grubbs – Conservatory of Music
Wen-Song Hwu – Childhood, Bilingual and Special Education
Mariam Jakhashvili – Graduate Student Representative
Daniel Kurylo, Psychology
Howard Zeng – Kinesiology
Paula Whitlock – Computer and Information Science, Chairperson

Members of Faculty Council with any questions are urged to contact **Paula Whitlock** at **whitlock@brooklyn.cuny.edu** prior to the meeting.

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SECTION A-III: CHANGES IN DEGREE REQUIREMENTS

Department of Chemistry

Date of departmental approval: 10/14/2014

Effective date: Fall 2015

Clearances: School of Education, obtained 11/18/2014

M.A. degree program in education: chemistry teacher (7-12)
HEGIS code 1905.01; SED program code 26766
Students taking this program gain in-depth knowledge of some area of modern organic, inorganic, quantum chemistry, biochemistry or instrumental analysis. Seminar courses provide exposure to diverse subject matter in areas of current research interest within the department and beyond. Students also receive a detailed introduction to the use of the teaching laboratory in adolescent education. The School of Education component prepares students for teaching; the required courses vary depending on the entry qualifications of students. The profession of teacher education is licensed by the New York State Education Department. Therefore, program requirements are subject to change. All students should consult with the Head of the program in adolescence science education for the current requirements.

Matriculation requirements

Applicants must offer courses in chemistry as follows: <u>one year</u> of general chemistry~~, including qualitative analysis~~; a comprehensive course in organic chemistry (may be one or two terms depending on curriculum) one term of physical chemistry; and <u>one semester of</u> analytical chemistry.

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

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

(b) An undergraduate degree with a major in chemistry or appropriate course work in chemistry.

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

International applicants for whom English is a second language are required to pass the Test of English as a Foreign Language (TOEFL) before being considered for admission. For more updated and complete information on minimum passing scores see the section on additional admission requirements for students with international credentials in the Graduate Bulletin or the program web page. At the discretion of the program, additional English courses may be required as a condition for admission. Applicants who have not completed all the specific course requirements are given individual consideration and may be admitted with conditions, with the approval of the Head of the program in adolescence science education in the School of Education and the chairperson of the Chemistry Department.
Applicants should see the Head of the program in adolescence science education for advisement.

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

Degree requirements
A minimum of 30 credits are required for the degree.
Students must complete at least 12 credits in Chemistry. This must include:
~~Students must complete~~ At least one of the following courses: Chemistry 7761G, 7550G, 7571G, 7670G or 7640G.
Students must also complete either Chemistry 7450G or 7950T.

~~Students must complete an additional 5 credits in graduate courses in Chemistry, for a total of 12 credits in Chemistry.~~

Six of the remaining 18 credits required for the degree may be taken in the Chemistry Department or in other science subjects directly related to chemistry.
Students must also complete either Option A or B below. With the approval of the science education program head, students enroll in the appropriate Option A or Option B based upon teaching experience, previous course work, and the teaching certificates they hold.

Option A (for in-service teachers): 30 credits
This option is for students who possess a~~n~~ New York State Initial Certification in teaching chemistry grades 7-12, or its equivalent.
Students must complete 12 credits in courses in the Department of Secondary Education. Students take different education courses and sequences of courses depending on their previous course work, teaching experience, and the certificates they hold. Students who possess Initial Certification in teaching chemistry must complete all of the following:
SEED 7502T or SEED 7324X, SEED 7500X or SEED 7315X, SEED 7340T or SEED 7320T, and SEED 7503X or SEED 7038X or SEED 7325X.
Option B (for pre-service teachers):30-46 credits
Students who do not possess Initial Certification in teaching chemistry or equivalent course work and teaching experience or who are teaching but do not possess Initial Certification in teaching chemistry must have the appropriate course work and credits in the subject area and must complete appropriate courses in (a), (b) and (c) below:

(a) SEED 7500X or SEED 7315X, SEED 7501X or SEED 7314X, SEED 7502T or SEED 7324X, SEED 7503X or SEED 7325X, SEED 7340T or SEED 7320T.
(b) SEED 7380T, SEED 7381T, SEED 7383T, SEED 7542T, SEED 7543T.
(c) SEED 7671X.
Students who wish to register for student teaching seminar and field placement in the science education program will need to file an application with the science education program head for permission. See program office for details.
Students must pass a comprehensive examination or submit a thesis acceptable to the Chemistry Department. Information about requirements for the comprehensive examination and the thesis is in the chapter "Academic Regulations and Procedures."

The student teaching methods course (SEED 7380T) must precede the student teaching seminars (SEED 7381T and SEED 7383T) and field experience (SEED 7542T and SEED 7543T).
Courses in the Chemistry Department or other science departments and the School of Education offered toward the degree must be 7000-level courses.
The program of study must be approved early in the first semester by the chairperson or the deputy chairperson of the Chemistry Department and the Head of the program in adolescence science education.

Rationale:
Chemistry 7450 Chemistry Teaching Laboratory Management was a course established to teach students how to select and implement an experiment in a teaching laboratory. The course does not fill regularly, and it is unfair to students that infrequent offerings interfere with their graduation. The department is therefore creating a new course, Chem 7950T, which is an independent study course designed to meet the same objective. The course is added as an alternative to Chem 7450.

A minor change to matriculation requirements was added to drop explicit requirement of qualitative analysis (which is present in nearly all general chemistry courses but has been de-emphasized in recent decades) and to specify expectations with respect to general and analytical chemistry. Most programs do not require more than one semester of analytical chemistry, and the option of a one-semester general chemistry sequence is normally restricted to pre-health students (e.g. nursing students) who do not need a rigorous background in chemistry.

SECTION A-III: CHANGES IN DEGREE REQUIREMENTS

Department of Health and Nutrition Sciences

Date of departmental approval: 12/ 09/2014
Effective date: Fall, 2015

M.A. degree program in community health
HEGIS code 1214; SED program code 78495

The master of arts degree in community health serves both national and international students who are pursuing a career in health promotion/disease prevention. Many of our graduate students are in practice in the field and come to Brooklyn College for advanced training and professional development.

The program has two concentrations: community health education and thanatology. The community health education concentration develops professionals who design, conduct, and evaluate activities that help improve the health of individuals and communities. Graduates typically find employment in public health departments, community-based organizations, hospitals, and clinics as patient educators, ~~health education teachers,~~ health coaches, community organizers, public health educators, and health program managers.

The thanatology concentration focuses on the development of expertise in the area of dying, death, and bereavement. Graduates hold a variety of positions including that of hospice program director, hospital bereavement coordinator, hospice volunteer coordinator, funeral aftercare counselor, and bereavement counseling program director.

Matriculation requirements

Applicants must offer at least 18 credits in acceptable health-related courses at the undergraduate or graduate level and a minimum GPA of 3.0. Experience in a health-related field is required for the thanatology concentration. One year of relevant experience in the field may be accepted in place of up to 18 credits for students in the community health education concentration.

Degree requirements

Thirty-three to thirty-six credits are required for the degree. Students must complete one of the following two concentrations of study: Community
Health Education (36 credits) or Thanatology (33 credits).

Community health education concentration.

Required courses (~~30~~27 credits): Health and Nutrition Sciences 7110X, 7120X, 7140X, 7141X, 7150X, ~~7161X,~~ 7170X, 7171X, 7925X, and 7930X. Elective courses (~~6~~9 credits): Students who satisfy the exit requirements (see below) by passing a comprehensive examination must complete ~~6~~9 additional credits (for a total of 36 credits) chosen from 7000-level health courses after consultation with their faculty advisor.

Thanatology concentration.

Required courses (27 credits): students must complete 24 credits from the following courses: Health and Nutrition Sciences 7180X, 7181X, 7182X, 7183X, 7184X, 7185X, 7186X, 7187X, 7188X, 7901X. Students must also complete Health and Nutrition Sciences 7930X (3 credits) and elect one of the exit requirements (see below), either of which requires two courses (6 credits) for a total of 33 required credits in this concentration.

Students with advanced preparation may substitute other courses for required courses with the permission of the deputy chairperson.

As part of the selected required concentrations ("Community Health Education" or "Thanatology"), students have the option of completing a specialization in Maternal, Child, Reproductive, and Sexual Health (MCRSH) by taking 9 of their 36 or 33 degree credits in courses designated as MCRSH, ~~competing~~ completing their fieldwork placement (HNSC 7925X or HNSC 7901X) in a MCRSH-related project, and (if applicable) writing their master's paper (HNSC 7940X, HNSC 7950X) or master's thesis (HNSC 7935X, HNSC 7999X) on a MCRSH-related topic. Six of the 9 credits of MCRSH coursework must consist of HNSC 7300X and HNSC 7310X. Students in the community health education concentration who wish to pursue the MCRSH specialization and who elect to take the Comprehensive Examination as their exit option will be tested on MCRSH material. All MCRSH coursework and requirements are subject to approval by the deputy chairperson. MA students wishing to pursue the MCRSH specialization should notify the deputy chairperson in writing within their first two semesters of coursework.

Exit requirements:

Students matriculated in the community health education concentration are required to pass a comprehensive examination administered by the Health and Nutrition Sciences Department, or submit an acceptable master's thesis or master's paper.

Students matriculated in the thanatology concentration are required to submit either an acceptable thesis or an acceptable master's paper.

Students in either concentration electing to submit a thesis must complete Health and Nutrition Sciences 7935X (3 credits) and 7999X (3 credits). Information about the thesis is in the section "Academic Regulations and Procedures" of the Graduate Bulletin.

Students in either concentration electing to submit a master's paper must complete Health and Nutrition Sciences 7940X (3 credits) and 7950X (3 credits) with a grade of B or better. The student is not allowed to take 7940X more than twice. The grade for Health and Nutrition Sciences 7950X will be the same as the grade for the master's paper. The student must earn a grade of B or better for a master's paper to be acceptable.

Students opting for the Comprehensive Examination will be evaluated on: 7110X, 7120X, 7170X, and 7930X. Students wishing to pursue the MCRSH specialization ~~wil~~ will also be tested on MCRSH coursework.

Students must have completed all four courses before registering for the Comprehensive Examination. If the examination is failed on the first try, students must retake and pass all of the parts that they failed in the previous examination.

Students in the community health education concentration who pass a comprehensive examination must complete an additional 6 elective credits chosen from 7000-level health courses (for a total of 36 credits) after consultation with their faculty advisor.

Note that Health and Nutrition Sciences 7930X is a prerequisite for Health and Nutrition Sciences 7935X and for Health and Nutrition Sciences 7940X.

Courses in the Health and Nutrition Sciences Department offered toward the degree must be 7000-level courses.

~~The program of study must be approved by the department.~~

Community Health Education students interested in national certification as a Certified Health Education Specialist (CHES) may take the examination administered by the National Commission for Health Education Credentialing, Inc.

Rationale:
a. Striking "health education teachers": Our degree program does not qualify students to become health education teachers
b. Change to admissions requirement: Accepting field experience in place of relevant course-work has been the admissions practice in the department for many years; we would like the Bulletin to reflect this.
c. Removal of HNSC 7161X as a required course in the community health education concentration, and subsequent increase from 6 to 9 credits of electives. We have determined that given advances in technology and the shifting nature of community health, the content of HNSC 7161X ("Computer Applications in Health Sciences") is no longer relevant or necessary for community health students. We now allow students to take an additional elective of their choosing as part of the HNSC curriculum.
d. "competing to "completing": This corrects a typographical error.
e. Specifying coursework for MCRSH specialization and addition of the phrase, "who wish to pursue the MCRSH specialization and": The 2 courses that make up 6 of the 9 credits of required MCRSH coursework (HNSC 7300X and HNSC 7310X) had not been passed when the MCRSH specialization was formalized. We wish to add them as they are now part of the Bulletin and required by the MCRSH specialization across CUNY campuses. The, "who wish to pursue the MCRSH specialization and" is added to clarity.
f. "Wil" to "will": This corrects a typographical error.
g. Striking "The program of study must be approved…": This sentence is redundant as all courses taken in this program are by advisor permission only.

SECTION A-III: CHANGES IN DEGREE REQUIREMENTS

Department of Health and Nutrition Sciences

Date of departmental approval: 12/09/2014

Effective date: Fall, 2015

M.P.H. degree program in community health
HEGIS code 1214; SED program code 21578

This program, accredited by the Council on Education for Public Health, provides graduate-level training for students interested in pursuing or in advancing careers in public health. Successful applicants to the M.P.H. program include health professionals and recent college graduates. The program offers two concentrations, a general public health track and a more specialized health care policy and administration track. The degree offers ~~both~~ classroom, online, and internship experiences and provides the opportunity for students to work closely with a faculty mentor. By offering all classes in the evenings in Brooklyn and Manhattan, the program is geared to the needs of working adults. Graduates of the program are employed as managers, administrators, researchers, and planners in hospitals, not-for-profit agencies, community programs, departments of health, and state and national health organizations.

Matriculation requirements

Applicants must offer at least 18 undergraduate credits in acceptable health-related courses and a GPA of at least 3.00. One year of relevant experience in the field may be accepted in place of up to 18 credits. Applicants should have experience in a health-related field and must submit a resume together with a statement of academic interests and goals. Applicants also must submit results of the Graduate Record Examination. A waiver of the GRE may be made when a student has a master's degree or higher from an accredited US college or university. General matriculation and admission requirements of the Division of Graduate Studies are in the section "Admission" of the Graduate Bulletin.

Degree requirements

Forty-five credits are required for the MPH degree.
Students must complete Health and Nutrition Sciences 7100X, 7110X, 7120X, 7130X, 7140X, 7150X, 7920X and 7930X. Students must receive a grade of at least B in each of these eight core courses; courses may be repeated if necessary.

In addition, students must complete one of the following two concentrations of study:

General public health concentration:

Students in this concentration must take Health and Nutrition Sciences 7163X, 7164X and 7171X. Students must choose their remaining courses from courses numbered Health and Nutrition Sciences 7000X and above unless they receive permission from the deputy chairperson to substitute a specific course. In addition, students must submit either a thesis or a master's paper. Students electing to submit a thesis must complete Health and Nutrition Sciences 7935X and 7999X. Information about the thesis is in the section "Academic Regulations and Procedures." Students electing to complete a master's paper must complete Health and Nutrition Sciences 7940X and 7950X with a grade of B or better.

Health care policy and administration concentration ~~(offered in cooperation with the Department of Political Science):~~
Students must take the following courses: Health and Nutrition Sciences 7141X, 7142X, 7143X, 7144X. ~~Students in the health policy and administration concentration must choose their remaining courses from the following list unless they receive permission from the deputy chairperson to substitute specific courses: Health and Nutrition Sciences 7145X, 7146X, 7161X, 7162X, 7184X; Political Science 7150X, 7310X,~~
~~7340X, 7370X, 7400X, 7470X, 7480X, 7510X, 7720X, 7760X. Students with advanced preparation may substitute other courses for required courses with the permission of the deputy chairperson.~~
Students must choose their remaining courses from courses numbered Health and Nutrition Sciences 7000X and above unless they receive permission from the deputy chairperson to substitute a specific course. In addition, students must submit either a thesis or a master's paper. Students electing to submit a thesis must complete Health and Nutrition Sciences 7935X and 7999X. Information about the thesis is in the section "Academic Regulations and Procedures." Students electing to complete a master's paper must complete Health and Nutrition Sciences 7940X and 7950X with a grade of B or better.

As part of the selected required concentration ("General Public Health" or "Health Care Policy and Administration") students have the option of completing a specialization in Maternal, Child, Reproductive, and Sexual Health (MCRSH) by taking 9 of their 45 degree credits in courses designated as MCRSH, competing their fieldwork placement (HNSC 7920X) in a MCRSH-related project, and writing their master's paper (HNSC
7940X, HNSC 7950X) or master's thesis (HNSC 7935X, HNSC 7999X) on a MCRSH-related topic. Six of the 9 credits of MCRSH coursework must consist of HNSC 7300X and HNSC 7310X. All MCRSH coursework and requirements are subject to approval by the deputy chairperson. MPH students wishing to pursue the MCRSH specialization should notify the ~~MPH Program Director~~ deputy chairperson in writing prior to registering for their first semester's courses.

Furthermore, all MPH students must independently complete a professional portfolio. The portfolio describes relevant public health experiences and achievements during the course of students' studies leading to the MPH degree. The portfolio consists of academic, professional and service accomplishments and may include major course projects, reports, presentations, publications and other samples of work that is completed.

Rationale:

a. Striking of the word "both" and addition of the word "online": Reflects addition of online course offerings in the program.

b. Change to admissions requirement to accept field experience: Accepting field experience in place of relevant coursework has been the admissions practice in the department for many years; we would like the Bulletin to reflect this.
c. *Change to admissions requirement to require a resume with application*. Our MPH program is accredited by the Council on Education for Public Health (CEPH) as part of the CUNY School of Public Health. Making the resume an admission requirement is consistent with the standards of CEPH and brings parity in this requirement across the three CUNY MPH programs (Brooklyn College, Lehman College, and Hunter College).
d. Striking of "in cooperation with..": This concentration has not been offered jointly with Political Science in a number of years and does not currently appear among that department's offerings in the Bulletin.
e. Striking of list of elective courses and addition of language regarding elective selection: This change aligns the process of selecting electives with the other MPH concentration (general public health) described in the Bulletin.
f. Specifying coursework for MCRSH specialization: The 2 courses that make up 6 of the 9 credits of required MCRSH coursework (HNSC 7300X and HNSC 7310X) had not been passed when the MCRSH specialization was formalized. We wish to add them as they are now part of the Bulletin and required by the MCRSH specialization across CUNY campuses.
g. Change from "MPH Program Director" to "deputy chairperson": Alignment with both practice and previously used language.

SECTION A-IV: NEW COURSE

Department of Art

Date of departmental approval: 12/09/2014

Effective date: Fall 2015

ARTD 7740X – Introduction to Digital Photography
60 hours of workshop; 3 credits

Bulletin Description: Digital photography as creative art. Understanding and using digital cameras. Using Photoshop to edit and enhance digital photographs. Students must supply their own digital cameras.

Prerequisite: Matriculation for the M.F.A. in art or for the M.A. in art education.

Frequency of Offering: Every 2 semesters or as needed

Projected enrollment: 16 students

Clearances: none

Rationale:
The development of personal computer technology greatly has greatly influenced many aspects of modern life and photography is no exception. Anyone working with photography, photographers, or photographs, as well as web design and presentation will benefit from a basic understanding of digital photography. Digital photography has an almost unlimited potential for creative, artistic expression and endeavors. The Art Department wishes to offer its students an opportunity to learn the methods and materials of this rapidly evolving field of study. The Art Department has long offered analogue photography courses and this course is a logical addition.

SECTION A-IV: NEW COURSE

Department of Chemistry

Date of departmental approval: 10/14/2014

Effective date: Fall 2015

CHEM 7950T Independent Development of Laboratory Curriculum Materials
90 hours conference and independent work; 2 credits

Bulletin Description: This course is intended for students enrolled in the M.A. degree program in adolescence education: chemistry teacher. Students will develop a laboratory experiment suitable for a high school or college course in chemistry chosen to satisfy a set of learning objectives identified by the instructor. The student will search the educational literature to identify good candidate procedures, test and modify procedures to ensure they are suitable for the specific application, and prepare written materials for students and instructors who would be conducting the experiment in a laboratory classroom. The student will also complete a module on laboratory safety.

Prerequisite: Minimum 6 credits in advanced laboratory coursework and permission of the instructor and chairperson.

Frequency of Offering: As needed.

Projected Enrollment: 1-2 students/year.

Clearances: School of Education, obtained 11/18/2014

Rationale: A 2009 Department of Chemistry internal review of the M.A. degree program in adolescence education: chemistry teacher (MAct) program identified the need for a laboratory curriculum development course within the program. At that time, no coursework within the program taught students how to identify and implement laboratory experiments in a teaching environment. This lead to the creation of Chem 7450, a formal course built around the development of laboratory curriculum materials.
However, enrollment in the MAct program has not been high enough to make it possible to offer Chem 7450 on a regular basis, and the department has been forced to make exceptions to allow students to graduate. In recognition of this problem, the department proposes to create an independent study course designed to meet the same learning objectives. Rather than a formal instructional environment, students will be assigned to identify an experiment suitable to meet a certain set of learning objectives for a given course and level. It is expected that students will use the chemical literature to identify appropriate procedures, but will then be expected to modify them to meet the particular needs described and to produce instructional materials for students and supporting materials for an instructor. The student will also report on the budget, procurement, safety and disposal issues associated with the implementation of the experiment on the scale of a laboratory classroom. The creation of such materials is a substantial amount of work, comparable in scale to a conventional term paper of

significant length and depth.
The course will also include a separate module on laboratory safety to aid students in assessing risk. Materials will include the background documents for the FDNY C-14 Certification to Maintain a Chemical Laboratory; students will be encouraged to sit for the FDNY exam and earn their certificate during the course.

SECTION A-V: CHANGE IN AN EXISTING COURSE

Department of Economics

Change in course equivalency

Date of departmental approval: December 9, 2014

Effective date: Fall 2015

FROM:

ECON 7215X Money and Capital Markets
30 hours plus conference; 3 credits

Sources and uses of funds in financial markets. Market structure of interest rates. Flow of funds analysis. This course is the same as ~~Business~~ 7215X [711X].

Prerequisite: undergraduate course in macroeconomics.

TO:

ECON 7215X Money and Capital Markets
30 hours plus conference; 3 credits

Sources and uses of funds in financial markets. Market structure of interest rates. Flow of funds analysis. This course is the same as Finance 7215X [711X].

Prerequisite: undergraduate course in macroeconomics..

Rationale:
This curriculum document reflects the change from BUSN 7215 to FINC 7215.

SECTION A-V: CHANGE IN AN EXISTING COURSE

Department of Health and Nutrition Sciences

Changes in prerequisites

Date of departmental approval: December 9, 2014

Effective date: Fall, 2015

FROM:

HNSC 7120X Epidemiology
45 hours; 3 credits

Principles and application of epidemiological analysis, illustrations of incidence, distribution, multiple determinants, and control of disease. Methods of investigation. Sources, presentation, and interpretation of data.
~~**Prerequisite:** an introductory course in epidemiology or an equivalent course.~~

TO:

HNSC 7120X Epidemiology
45 hours; 3 credits

Principles and application of epidemiological analysis, illustrations of incidence, distribution, multiple determinants, and control of disease. Methods of investigation. Sources, presentation, and interpretation of data.

Rationale:
This prerequisite has never been enforced, nor is it necessary for students to perform well in this course. Moreover, we do not offer any introductory course in epidemiology, as this is the introductory course to epidemiology.

SECTION A-V: CHANGE IN AN EXISTING COURSE

Department of Health and Nutrition Sciences

Changes in prerequisites

Date of departmental approval: December 9, 2014

Effective date: Fall, 2015

FROM:

HNSC 7310X Maternal, Child, Reproductive and Sexual Health: A Life Course Perspective
45 hours; 3 credits

Theoretical framework as to how life course exposures affect vulnerability to disease, with an emphasis on the roles of maternal, child, reproductive and sexual health. This course also considers how intra- and inter-generational influences may be relevant to disparities in health. Readings address empirical patterns, prevailing theories and controversies regarding life course influences, and address interventions or policies that may be applied to improve population health.

Prerequisite ~~or Corequisite~~: HNSC 7120X, HNSC 7150X.

TO:

HNSC 7310X Maternal, Child, Reproductive and Sexual Health: A Life Course Perspective
45 hours; 3 credits

Theoretical framework as to how life course exposures affect vulnerability to disease, with an emphasis on the roles of maternal, child, reproductive and sexual health. This course also considers how intra- and inter-generational influences may be relevant to disparities in health. Readings address empirical patterns, prevailing theories and controversies regarding life course influences, and address interventions or policies that may be applied to improve population health.

Prerequisite: HNSC 7120X <u>and</u> HNSC 7150X.

Rationale:
This course is being offered as part of a CUNY-wide concentration in Maternal, Child, Reproductive and Sexual Health. In consultation with the concentration faculty at other campuses, it was clarified that both prerequisite courses were necessary to complete the course.

SECTION A-V: CHANGE IN AN EXISTING COURSE

Department of Health and Nutrition Sciences

Changes in prerequisites

Date of departmental approval: December 9, 2014

Effective date: Fall, 2015

FROM:

HNSC 7930X Research Seminar
45 hours; 3 credits

Examination of the stages of the research process, highlighting selected research designs and data collection techniques. Application of the principles and methods of research to the critical analysis of the health and nutrition sciences literature.

~~**Prerequisite:** completion of two graduate courses in health and nutrition sciences, and a GPA of 3.00 (B) or better in graduate courses completed to date.~~

TO:

HNSC 7930X Research Seminar
45 hours; 3 credits

Examination of the stages of the research process, highlighting selected research designs and data collection techniques. Application of the principles and methods of research to the critical analysis of the health and nutrition sciences literature.

Rationale:
This change to remove the prerequisites from this course reflects the faculty's assessment that students would benefit from learning this content earlier in their coursework.

SECTION A-V: CHANGE IN AN EXISTING COURSE

Department of Secondary Education

Changes in the bulletin description

Date of departmental approval: November 11, 2014

Effective date: Fall 2015

FROM:

SEED 6002T Issues and Strategies in Education
15 hours each term; 1 credit each term.

Timely issues, strategies, and techniques of modern educational practice. Course content varies from term to term. This course is not creditable toward the degrees in education. ~~Not open to all students who have taken EDUC 6001T~~.

Prerequisite: license or certificate to serve as teacher, paraprofessional, or supervisor in day care center, kindergarten, or elementary or secondary school

TO:

SEED 6002T Issues and Strategies in Education
15 hours each term; 1 credit each term.

Timely issues, strategies, and techniques of modern educational practice. Course content varies from term to term. This course is not creditable toward the degrees in education. <u>May be repeated for credit</u>.

Prerequisite: license or certificate to serve as teacher, paraprofessional, or supervisor in day care center, kindergarten, or elementary or secondary school

Rationale:
We are removing the phrase "*Not open to all students who have taken EDUC 6001T" as this requirement is no longer relevant.

For many, many years, SEED 6002 or its equivalent was creditable for several terms, but CUNYfirst has stopped applying the credit. Our intent with this addition is to get language back into the Bulletin which would allow this longstanding practice to continue.

SECTION A-VI: OTHER CHANGES

Department of Health and Nutrition Sciences

Withdrawal of a course

Date of departmental approval: December 9, 2014

Effective date: Fall, 2015

~~**HNSC 7161X Computer Applications in Health Sciences**~~
~~45 hours; 3 credits~~

~~Use of computer in health-related fields. Understanding unique theoretical and practical applications to health science research, education, and clinical practice. Course will include projects tailored to the interests of the individual students. This course is the same as Computer and Information Science 7450X [777X].~~

~~Prerequisite: one 7000-level course in health and nutrition sciences and one 7000-level course in computer and information science.~~

Rationale:
We have determined, in consultation with the CIS department, that given advances in technology and the shifting nature of community health, the content of HNSC 7161X ("Computer Applications in Health Sciences") is no longer relevant or necessary for community health students. We now allow students to take an additional elective of their choosing as part of the curriculum.