

BROOKLYN COLLEGE
OF
THE CITY UNIVERSITY OF NEW YORK
FACULTY COUNCIL

Meeting of 5/7/2013

The Committee on Graduate Curriculum and Degree Requirements herewith submits its recommendations in Curriculum Document 215

Respectfully submitted,

Respectfully submitted,

Jennifer Ball, Chair – Art

Paula Whitlock – Computer and Information Science

Rosamond King – English

Sharon Beaumont-Bowman – Speech Communication Arts and Sciences

Wen-Song Hwu – Childhood, Bilingual and Special Education

Members of Faculty Council with any questions are urged to contact **Jennifer Ball** at **jball@brooklyn.cuny.edu** prior to the meeting.

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

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A-III: CHANGES IN DEGREE REQUIREMENTS

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013

M.S. Degree in Exercise and Sport Science (Exercise Science and Rehabilitation/Sport Science)

The Physical Education and Exercise Science Department provides students with the knowledge and experience required to achieve rewarding careers in which to meet health challenges of the twenty-first century. Professionals in physical education, sport management, sport science, and exercise science and rehabilitation will have a unique opportunity to apply their skills at a time when physical activity and fitness are among the nation's chief public health objectives. In addition, these programs also serve to prepare students for doctoral work or other such future academic endeavors.

The Department of Physical Education and Exercise Science offers three graduate degree programs:

- Master of Science in Exercise and Sport Science
Tracks
 - Exercise Science and Rehabilitation
 - Sport Science
- Master of Science in Sports Management
- Master of Science in Physical Education

The educational programs in the Department have undergone significant revision from past bulletins. Students matriculating under earlier bulletins are encouraged to explore their options for either switching to the new requirements specified in the following sections for their respective program.

Course substitutions or changing to current program requirements from previous program requirements:

Students majoring in any of the Department of Physical Education and Exercise Science's programs may formally petition the Chair (or the Chair's designee) of the department to deviate from the course requirements specified below provided they have a sound and logical reason for making the request. Likewise, the Chair (or the Chair's designee) has the sole authority to approve/grant appropriate course substitutions for students majoring in the department's programs. Students completing comparable courses in earlier years and/or under earlier degree requirements from Brooklyn College or who desire to transfer comparable courses from other accredited colleges/universities may petition the Chair (or the Chair's designee) for approval.

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

Students admitted to any graduate program should coordinate their schedule carefully with the Graduate Deputy to ensure they are sequencing courses properly and ensuring that all prerequisite courses are taken. All newly admitted graduate students in any program should ensure that PEES 7000X Research Methods and Design is taken in their first semester of enrollment.

**M.S. degree program in ~~e~~Exercise and Sport ~~s~~Science and ~~rehabilitation~~
HEGIS code 1299.30; SED program code 89178**

This Master of Science degree program is designed to teach students about human movement, exercise physiology, and cardiopulmonary rehabilitation, with emphasis on cardiopulmonary sport psychology, and biomechanics. It is designed for students who want to work in these fields, advance their knowledge beyond their undergraduate education, perhaps to prepare for study at the doctoral level ~~do research and scholarship in sport and exercise science.~~

Tracks

- Exercise Science and Rehabilitation
- Sport Science

Matriculation requirements

Applicants must offer at least one undergraduate course in each of the following: human physiology, human anatomy, physiology of exercise, and biomechanics kinesiology. A course in physics and a course in chemistry are recommended. Competitive applicants typically have undergraduate degrees in Exercise Science or Physical Education. Other degrees may also provide appropriate educational background (i.e. Physical Therapy, Athletic Training, etc). Students must also demonstrate proficiency in basic techniques of weightlifting and body conditioning. This may be done by completion of a course in the subject, appropriate certification by a nationally recognized organization (e.g., NSCA), or proof of at least one year of practical experience in the field.

Applicants ~~for matriculation~~ who meet the general matriculation requirements of the college may be accepted for matriculation conditionally. A graduate student may meet such matriculation conditions by completing appropriate courses in the Brooklyn College undergraduate division.

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

International applicants for whom English is a second language are required to pass the Test of English as a Foreign Language (TOEFL) with a minimum score of 550 on the paper-based test or 213 on the computer-based test or 79 on the internet-based test, before being considered for admission.

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

Degree requirements

Thirty-six credits are required for the degree.

All ~~S~~students must complete all of the following core courses: Physical Education 7043X, 7059X, 7260X, 7262X, 7263X, 7265X, 7267X, 7279X, 7080X or 7299X, and 7092X, and any two of the following: Physical Education 7342X, 7044X, 7154X, 7064X or 7068X, 7158X, and 7261X.

PEES 7000X Research Methods and Design
PEES 7059X Advanced Physiology of Exercise
PEES 7154X Sport and Exercise Psychology
PEES 7263X Biomechanics

All newly admitted graduate students in any program should ensure that PEES 7000X Research Methods and Design is taken in their first semester of enrollment.

Exercise Science and Rehabilitation

Students selecting the track in Exercise Science and Rehabilitation are required to complete the following plus 2 additional 7000-level courses in the Department provided they have met the appropriate prerequisites (other courses may be taken with the approval of the Graduate Deputy or Chairperson):

PEES 7250X Fitness Assessment and Exercise Prescription
PEES 7260X Exercise Prescription for Special Populations
PEES 7262X Electrocardiography #
PEES 7267X Cardiopulmonary Rehabilitation @
PEES 7279X Nutrition and Exercise
PEES 7290X Internship in Exercise Science and Rehabilitation

PEES 7262X should be taken in first semester of matriculation
@ PEES 7267X should be taken in second semester of matriculation

Students who have successfully completed an undergraduate course in Exercise Testing and Prescription may take an additional elective in place of 7250X ~~7043X~~. Students matriculating in this track must have a current CPR certification prior to graduation at a level equivalent to American Safety and Health Institute CPR Pro for the Professional Rescuer.

Sport Science

Students selecting the track in Sport Science must take the following courses:

PEES 7100X Technology in Kinesiology

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

PEES 7250X Fitness Assessment and Exercise Prescription
PEES 7364X Biomechanics of Sport Performance
PEES 7365X Biomechanics of Orthopedic Injury
PEES 7370X Research Seminar in Sport Science

Students in either track may select additional credits from any 7000 level course offered by the Department of Physical Education and Exercise Science to fulfill the 36-credit requirement provided they have met the appropriate prerequisites. Other elective courses may be selected with the approval of the Graduate Deputy or Department Chair.

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

Rationale: The faculty of the department determined that in order to meet the contemporary standards of the fields of study offered by the department a major curriculum revision was required to add/delete/modify courses offered. The existing curriculum and many of the courses within it are outdated or obsolete and are based on models no longer being followed by leading programs in the field. All new courses offered herein meet the same college goals as the existing courses but do so more effectively and efficiently. Numerous existing courses are being updated, renumbered or retitled to reflect more contemporary standards.

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Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013

**M.S. degree program in physical education
HEGIS code 0835; SED program code 83153**

The Master of Science degree in Physical Education with a concentration in Sport Management program has ~~two concentrations~~. The produces graduates with skills and knowledge for professional careers in the multi-billion dollar sports business industry. Students will receive advanced preparation in numerous areas such as management, marketing, financial, media, promotions, public relations, communications, sports information, retail and manufacturing, coaching, school/university-based programs and legal/risk management. Students may find employment following completion of the program in areas such as sports media, sports facilities and arenas, sports retail business, sport product manufacturing, sport club management, entrepreneurial enterprising, amateur and community sports enterprises, professional sports, sports travel and tourism, international sport management, college sports, and athlete representation and management. The concentration in psychosocial aspects of physical activity is no longer accepting applications.

~~1. Concentration in psychosocial aspects of physical activity~~

~~This concentration is inactive. Students are advised to consult the department for further information.~~

~~Matriculation requirements~~

~~Applicants must offer at least 12 credits in physical education courses including course work in all of the following areas:~~

~~philosophical perspectives of physical education (philosophy or history), behavioral perspectives (motor learning, sport psychology, or sociology of sport), movement perspectives (kinesiology or biomechanics), and human physiology; and 9 credits in psychology and/or sociology courses, or obtain approval from the department chairperson.~~

~~Applicants must submit to the graduate deputy a statement of academic interests, experience, and other relevant information including academic honors, scholarships, and publications. Materials should be received by the department before March 1 for fall admission and before November 1 for spring admission. The department may require interviews of applicants for admission.~~

~~Degree requirements~~

~~Thirty credits are required for the degree.~~

~~Students must complete a minimum of 21 credits in physical education including Physical~~

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~~Education 7153X, 7154X, 7158X, and 7092X; a minimum of 9 credits chosen from Physical Education 7342X, 7043X, 7059X, 7260X, 7064X, 7068X, 7279X, 7080X (if thesis is elected), and 7299X. In addition, students must complete 9 credits in courses in psychology and sociology chosen with the approval of the Physical Education and Exercise Science Department. Students may not take all 9 credits in the same department.~~

~~Students must pass a comprehensive examination or submit a thesis acceptable to the department. Information about the comprehensive examination is in the section "Academic Regulations and Procedures."~~

~~The program of study must be approved by the deputy chairperson.~~

~~2. Concentration in sports management~~

~~Matriculation requirements~~

This program is designed for students with an undergraduate degree in sport management and experiences in the sport business industry. Students lacking such academic preparation and experiences will be required to take prerequisite courses. For students in this category, completion of any prerequisites required by the graduate deputy must be accomplished prior to beginning the third semester of enrollment in the program. These may include undergraduate business management, marketing and budgeting/finance/accounting/economic courses. Other courses may also be included as necessary.

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

International applicants for whom English is a second language are required to pass the Test of English as a Foreign Language (TOEFL) with a minimum score of 550 on the paper-based test or 213 on the computer-based test or 79 on the internet-based test, before being considered for admission.

~~Applicants must offer at least 12 credits in physical education courses including course work in all of the following areas: philosophical perspectives of physical education (philosophy or history), behavioral perspectives (motor learning, sport psychology, or sociology of sport), movement perspectives (kinesiology or biomechanics), and human physiology.~~

~~Degree requirements~~

~~Thirty-six credits are required for the degree. *All newly admitted graduate students in any program should ensure that PEES 7000X Research Methods and Design is taken in their first semester of enrollment.*~~

Students must complete 18 credits in physical education:

Physical Education 7342X, 7043X, 7044X, 7345X, 7092X, and either Physical Education 7080X (if thesis is chosen) or an elective in the department. Nine credits in courses in economics:

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~~Economics 609X, 701X, and one course chosen from 608X (formerly 709X) or 7205X. Three credits in an elective course either in or out of the department as approved by the graduate deputy.~~

Students must complete the following courses:

PEES 7000X Research Methods and Design

PEES 7044X Risk Management and Legal Issues in Sport

PEES 7342X Business Management of Community/Club Sports and Recreation

PEES 7455X Administration of Interscholastic and Intercollegiate Sport

PEES 7460X Budgeting and Finance in Sports and Recreation

PEES 7470X Sport Marketing

PEES 7480X Global Sport: Olympic/Paralympic Movements and Sport Governance

BUSN 7208X Marketing Management

ECON 7010X Macroeconomics OR ACCT 7101X Financial and Managerial Accounting

Students may select 9 credits from any 7000 level course offered by the Department of Physical Education and Exercise Science. Other elective courses may be selected with the approval of the Graduate Deputy or Department Chair.

~~Students must pass a comprehensive examination or submit a thesis acceptable to the department. Information about the comprehensive examination is in the section "Academic Regulations and Procedures."~~

~~The program of study must be approved by the deputy chairperson.~~

Rationale: The faculty of the department determined that in order to meet the contemporary standards of the fields of study offered by the department a major curriculum revision was required to add/delete/modify courses offered. The existing curriculum and many of the courses within it are outdated or obsolete and are based on models no longer being followed by leading programs in the field. All new courses offered herein meet the same college goals as the existing courses but do so more effectively and efficiently. Numerous existing courses are being updated, renumbered or retitled to reflect more contemporary standards.

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Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2014

**M.S. in Physical Education degree program: physical education teacher (all grades)
HEGIS code 0835; SED program code 26745**

This Master of Science degree program is designed to train students to be more effective teachers and coaches in all grades (kindergarten through grade 12). ~~Course work in the School of Education is required.~~ The New York State Education Department licenses graduates of registered teacher education programs who meet the state requirements for teachers.

The M.S. degree programs in physical education leading to Initial Certification and/or Professional Certification for physical education teachers (all grades) are designed to train students to be effective teachers and coaches in all grades (kindergarten through grade 12). The programs offers experienced and beginning physical education teachers the opportunity ~~opportunities~~ to develop their practice and to expand their knowledge of physical education and the field of education as a whole. Our programs combines rigorous and rewarding study in physical education with intensive study of curriculum, pedagogy, and schools ~~a focus on developing leadership skills and expanded knowledge in the field.~~

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 Graduate Deputy ~~School of Education for the current requirements.~~

Matriculation requirements

Applicants must hold an undergraduate degree in physical education prior to enrollment in this program. ~~offer at least 18 credits in courses in physical education as follows:~~

~~a) Course work in each of the following areas for a total of at least 12 credits: philosophical perspectives of physical education (philosophy or history), behavioral perspectives (motor learning, sport psychology, or sociology of sport), movement perspectives (kinesiology or biomechanics), and human physiology;~~

~~b) Course work in the theory and practice of teaching and coaching activities for a total of at least 6 credits.~~

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

~~(a) New York State Initial certification in teaching physical education for all grades, or courses in education that meet the New York State standards for the pedagogical core. These courses include study of the following: history of education and philosophy of education or principles of~~

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~~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 physical education at appropriate grade levels; 100 hours of fieldwork; or 300 hours of student teaching physical education at appropriate grade levels, or one year of full-time teaching physical education at appropriate grade levels, and number of credits in the appropriate subject area (see requirements in the appropriate department listing);~~

~~(b) an undergraduate degree with a major in physical education, or appropriate coursework in physical education;~~

~~(c) an undergraduate major in physical education, the Content Specialty Test CST, an approved 200 hours preparation program and a position at an approved public school through which students can accrue on-the-job training to substitute for student teaching.~~

Applicants must have a minimum undergraduate grade point average of 2.75. 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) with a minimum score of 550 on the paper-based test or 213 on the computer-based test or 79 on the internet-based test, before being considered 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 Chair or Deputy of the Department of Physical Education and Exercise Science and the Chair or Deputy of Secondary Education. Students should note additional requirements found in the sections "Admission" and "Academic Regulations and Procedures" in the Graduate Bulletin.~~

Degree requirements

~~Thirty-six to forty-three~~ credits are required for the degree.

All newly admitted graduate students in any program should ensure that PEES 7000X Research Methods and Design is taken in their first semester of enrollment.

Students will complete the following:

PEES 7000X Research Methods and Design

PEES 7100X Technology in Kinesiology

PEES 7110X Group Dynamics in Sport and Physical Education

PEES 7149X Advanced Instructional Strategies for Physical Education

PEES 7151X Motor Development and Analysis

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PEES 7154X Sport and Exercise Psychology
PEES 7156T Supervision in Physical Education
PEES 7157X Physical Education Curriculum in Secondary School
PEES 7158X Developing School-Based Leadership Skills
PEES 7999X Research Seminar in Physical Education

Students may select 6 credits from any 7000 level course offered by the Department of Physical Education and Exercise Science. Other elective courses may be selected with the approval of the Graduate Deputy or Department Chair.

~~Students must complete at least 18 credits in the subject area the Physical Education and Exercise Science Department to satisfy degree requirements of the appropriate departments. See the appropriate department listing for these requirements.~~

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

~~Option (A): 30 credits~~

~~Students who possess Initial certification in teaching physical education or equivalent course work and teaching experience must complete the following courses in physical education: Physical Education 7092X, 7149X. Students must also choose two electives from the following courses:~~

~~Physical Education 7044, 7150, 7153, 7154, 7155, 7156, 7157, 7158, 7059, 7064. An additional two elective courses in the department, but not Physical Education 7354 or 7265 must be taken. Student must also complete 12 credits in courses in Secondary Education as follows: Secondary Education 7502T, 7511T, 7524X and 7521T or 7671.~~

~~Option (B): 43 credits~~

~~Students who do not possess Initial certification in physical education or equivalent course work and teaching experience must complete. The following courses in physical education Physical Education 7092, 7149, and two courses chosen from Physical Education 7044, 7150, 7153, 7154, 7155, 7156, 7157, 7158, 7059, 7064. An additional two elective courses in the department, but not Physical Education 7354 or 7265 must be taken. Students must also complete the following courses in Secondary Education: SEED 7500X, 7501X, 7535T, 7542T, 7517T, 7543T, 7502T, 7503T, 7511T and 7524.~~

~~Option (C): 33 credits~~

~~Students who are teaching or have secured a position teaching physical education and who are pursuing an Alt B Certificate must complete the following courses in physical education: Physical Education 7092X, 7149X. Students must also choose two electives from the following courses:~~

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

~~Physical Education 7044, 7150, 7153, 7154, 7155, 7156, 7157, 7158, 7059, 7064. An additional two elective courses in the department, but not Physical Education 7354 or 7265 must be taken. Students pursuing an Alt B Certificate may substitute their teaching job for student teaching but upon consultation with their advisor must still register for Secondary Education 6002T and must take Secondary Education 7500X, 7531T, 7514T, 7502T, and 7508T.~~

~~All students must pass a written comprehensive examination administered by the Department of Physical Education and Exercise Science at the end of their program. Information about the comprehensive examination is in the section of the "Academic Regulations and Procedures."~~

~~Courses in the Department of Physical Education and Exercise Science and the Department of Secondary Education used toward the degree must be 7000-level courses.~~

~~Students pursuing an M.S. degree in physical education teaching must have taken or must take courses that meet the New York State and physical education standards. Transcript review will determine what appropriate course work students must take.~~

Rationale: The faculty of the department determined that in order to meet the contemporary standards of the fields of study offered by the department a major curriculum revision was required to add/delete/modify courses offered. The existing curriculum and many of the courses within it are outdated or obsolete and are based on models no longer being followed by leading programs in the field. All new courses offered herein meet the same college goals as the existing courses but do so more effectively and efficiently. Numerous existing courses are being updated, renumbered or retitled to reflect more contemporary standards.

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SECTION A-IV: NEW COURSES

Department of Early Childhood Education and Art Education

Date of departmental approval: March 12, 2013

Effective date: Fall 2013

ECAE 7360T Introduction to Early Childhood Bilingual and Second Language Acquisition
45 hours; 25 hours supervised field experience; 3 credits

Course Description

This course examines characteristics and theories of bilingual and second language acquisition as well as the development of educational models and methods of bilingual, dual language and second language within a multicultural and global context. It provides a review of research associated with the socio- and psycho-linguistic, cognitive and socio-cultural dimensions including the cultural, linguistic, and social contexts of young children learning more than one language. It guides students' exploration of developmentally appropriate practices in the context of changing views, methods of teaching, and public policy with linguistically and culturally diverse young children with and without special needs. Discussions also focus on quality inclusive early childhood dual language and bilingual programs and methods of family involvement.

Prerequisite or Co-requisite: None

Clearances: Speech, May 7, 2013 and Puerto Rican and Latino Studies, May 6, 2013

Rationale:

A similar course was previously part of the Early Childhood Education State approved program but was mistakenly dropped in the Bulletin. It was inadvertently left out of the department course prefix changes that were done for the entire School of Education in March 2012 (CD 207). The previous course did not address early childhood language learners specifically, which this course now does. The course also includes all languages, not just Spanish, to meet the many languages spoken by children in early childhood programs and schools and the growing focus on early childhood dual language learning for all children including those with special needs.

Goals of the course

The first goal of this new course is to introduce early childhood graduate students to the state of the art of early childhood bilingualism, bilingual education and second language acquisition, including the theories, the educational models and methods, and the empirical research. The second goal is for students to adopt developmentally appropriate practices that create a welcoming environment that respects diversity, supports children's ties to their families and community, and promotes both second language acquisition and preservation of children's home languages and cultural identities. These goals align with the recommendations of the

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national early childhood professional organization—the National Association for the Education of Young Children (NAEYC).

Learning outcomes of the course

The significance of this new course for the bilingual extension of the early childhood education program, a program that is housed in the new department, Early Childhood Education and Art Education, resides in the following learning outcomes:

- Early childhood teachers gain knowledge with theoretical approaches to understanding early childhood bilingualism and second language acquisition, including the characteristics, advantages and disadvantages, as well as needs of linguistically and culturally diverse children.
- Early childhood teachers use developmental knowledge to create healthy, respectful, supportive, and challenging learning environments for young bilingual or second language learners, including children with special needs.
- Early childhood teachers capitalize on their own linguistic and cultural diversity in implementing developmentally appropriate practices that support and foster bilingualism and second language acquisition.
- Early childhood teachers support and empower racially, ethnically diverse families and communities through respectful, reciprocal relationships and involve families and communities in their children’s acquisition of English language proficiency and preservation of home language.
- Early childhood teachers learn how to conduct observations of young bilingual and second-language-learning children’s interactions with teachers and peers as well as observe, document, and administer appropriate assessment tools in partnership with families and other professionals.

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Department of Early Childhood Education and Art Education

Date of departmental approval: March 12, 2013

Effective date: Fall 2013

ECAE 7361T Methods and Research in Teaching English Language Arts to Young Bilingual and Dual Language Learners including Young Children with Special Needs

45 hours, 25 hours supervised field experience; 3 credits

Course Description

The development and implementation of integrated developmentally appropriate programs for dual language learners. Research based methods of teaching English language arts and the home language arts to English language learners including teaching those with special needs. Strategies for teaching language throughout all content areas and throughout all centers within the classroom, including family-involvement and team oriented approaches

Prerequisite or Co-requisite: None

Frequency of Offering: Yearly

Projected enrollment: 20 students

Rationale:

A similar course was previously part of the Early Childhood Education State approved program but was mistakenly dropped in the Bulletin. It was inadvertently left out of the department course prefix changes that were done for the entire School of Education in March 2012 (CD 207). The previous course did not address early childhood language learners specifically, which this course now does. The course also includes all languages, not just Spanish, to meet the many languages spoken by children in early childhood programs and schools and the growing focus on early childhood dual language learning for all children including those with special needs.

Goals of the course

The goal of this new course is to address methods of teaching the language arts to all children learning two or more languages. Based on research of how young children best learn. The course will focus on diversity and developmentally appropriate practices of dual language learning. The importance of parent involvement, cultural influences on languages and integrated co-teaching as well as the role of play in developing language arts will be addressed. Further, ECE students will increase their knowledge and understanding of teaching young children (birth to 8 years of age) from diverse racial, ethnic, cultural, linguistic backgrounds and the diverse learning needs within their families and communities.

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Learning outcomes of the course

The significance of this new course for the early childhood education program, a program that is housed in the new department, Early Childhood Education and Art Education, resides in the following learning outcomes:

- Early childhood teachers will gain knowledge of the methods for teaching young dual language learners including English Language Learners and children with special needs within a developmentally appropriate context.
- Early childhood teachers will develop pedagogical practices proven most effective for dual language learners including those with special needs.
- Early childhood teachers will develop skills of setting up environments that research has shown are most effective in teaching dual language learners including those with special needs.
- Early childhood teachers will learn to work effectively with families of dual language learners including those with special needs.
- Theoretical ECE models, curriculum and developmentally appropriate practice (DAP) with relation to developmental level and specific needs of diverse children, including children with special needs and English language learners
- Early childhood teachers will be knowledgeable about and understand integrated co-teaching, collaboration with peers, family and community, social justice and how to involve parents and families to support children's relationships, development and learning
- Early childhood teachers are prepared to integrate knowledgeable, reflective, and critical perspectives of early childhood bilingual and dual language education including for children with special needs.

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Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013

PEES 7100X Technology in Kinesiology

45 hours; 3 credits

Students will receive in-depth training in various digital technologies commonly used in kinesiology. Training and extensive use of assorted software, digital video, digital photography and other such digital instrumentation will be provided.

Departmental goals addressed by the course: By taking this required course, the student will:

- learn to use and incorporate digital technology in the classroom;
- learn to use state-of-the-art software to enhance classroom instruction;
- become familiar with the use of digital technologies in teaching physical education in K-12 schools.

Rationale: This required course provides an opportunity for physical education MS students to acquire critical skills for becoming more effective teachers.

Estimated enrollment: 20 students per class section

Frequency of offering: Every other semester

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

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013

PEES 7110X Group Dynamics in Sport and Physical Education

45 hours; 3 credits

This course will acquaint students with theory and practice related to group behavior in sport, educational and community settings. Students in this course will be provided with a theoretical understanding of group processes and will understand group development stages, decision-making processes, and leadership, relevant to sport, physical education and community organizations.

Departmental goals addressed by the course: By taking this required course, the physical education student will:

- learn through reading/lectures about school and community group dynamics;
- become more effective in leading classroom instruction and professional meetings;
- learn to identify/recognize group undercurrents which may adversely affect classroom or office cohesion/decision-making.

Rationale: This required course provides an opportunity for physical education MS students to enhance their leadership skills, classroom/group discipline and classroom management.

Estimated enrollment: 20 students per class section

Frequency of offering: Every other semester

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

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013.

PEES 7158X Developing School-Based Leadership Skills

45 credits; 3 hours

Students will be given opportunities to enhance their leadership skills through a variety of means including reading, lectures, presentations and interviews. Leadership skill acquisition will assist the student in functioning professionally in the school environment with school leadership, department leadership, their colleagues, students and parents.

Departmental goals addressed by the course: By taking this required course, the physical education student will:

- learn traits and skills of effective leaders;
- demonstrate acquired leadership skills in various classroom activities;
- become a more effective teacher and school leader.

Rationale: This required course provides an opportunity for physical education MS students to enhance their leadership skills in the classroom and overall school environment.

Estimated enrollment: 20 students per class section

Frequency of offering: Every semester

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

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013.

PEES 7250X Fitness Assessment and Exercise Prescription

45 hours; 3 credits

Students study advanced processes and procedures of physical fitness evaluation and prescription. Emphasis is placed on the design of individual and group exercise programs.

Prerequisite: PEES 7059X

Departmental goals addressed by the course: By taking this required course, the student will:

- learn key theories of fitness assessment and exercise programs;
- demonstrate acquired knowledge and skills through the design of advanced exercise programs to meet specific fitness needs;
- demonstrate the use of various testing modalities/instruments in assessing fitness levels.

Rationale: This required course provides an opportunity for MS students to enhance their knowledge and skills in the assessment of individuals and groups in meeting their respective fitness needs.

Estimated enrollment: 20 students per class section

Frequency of offering: Every other semester

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

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013

PEES 7364X Advanced Biomechanics of Sports Performance

45 hours; 3 credits

Examination of biomechanical principles associated with sports performance. Investigation of common sport activities and the kinematic and kinetic factors associated with performance.

Prerequisite: a course in biomechanics equivalent to PEES 7263X.

Departmental goals addressed by the course: By taking this required course, the MS student student will:

- learn to apply biomechanical concepts to the analysis of a variety of sport techniques;
- learn to conduct in-depth qualitative/quantitative analyses of athletes performing sport skills;
- utilize digital technology in performing biomechanical assessments of sport activities.

Rationale: This required course provides an opportunity for MS students to enhance their knowledge and insight into the biomechanics of a variety of sport activities.

Estimated enrollment: 20 students per class section

Frequency of offering: Every other semester

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013

PEES 7365X Advanced Biomechanics of Orthopedic Injury

45 hours; 3 credits

Examination of biomechanical principles associated with causative factors in orthopedic injuries. Investigation of common human activities and the kinematic and kinetic factors associated with injury potential to the musculoskeletal system including activities of daily living, work tasks, sport and exercise.

Prerequisite: a course in biomechanics equivalent to PEES 7364X.

Departmental goals addressed by the course: By taking this required course, the physical education student will:

- understand the major contributing factors to orthopedic injury associated with physical activity including sport, exercise, occupations and activities of daily living;
- be able to identify causative factors of orthopedic injury associated with the environment in which human activity takes place and to then modify that environment to decrease the incidence of injury.

Rationale: This required course provides an opportunity for MS students to enhance their sport science/biomechanical knowledge in order to prevent orthopedic injury.

Estimated enrollment: 20 students per class section

Frequency of offering: Every other semester

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

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013.

PEES 7370X Research Seminar in Sport Science

45 hours; 3 credits

Students will review current research in the sport sciences through on-line and library-based sources. Class discussions and presentations will evolve from these activities.

Prerequisite: completion of all required PEES courses - should be taken in the student's final semester of matriculation

Departmental goals addressed by the course: By taking this required course, the student will:

- acquire advanced knowledge in sport science;
- demonstrate acquired knowledge through in-class presentations and discussions.

Rationale: This required course provides an opportunity for MS students to enhance their knowledge in the area of sport science by performing in-depth reading of current research.

Estimated enrollment: 20 students per class section

Frequency of offering: Every other semester

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013

PEES 7460X Budgeting and Finance in Sports and Recreation

45 hours; 3 credits

This course focuses on fiscal and budgetary control of public and private sport organizations, recreation departments, leagues, and facilities. A number of case studies will be presented. Prior knowledge of accounting is beneficial to success in this course.

Departmental goals addressed by the course: By taking this required course, the MS student will:

- understand principles of fiscal and budgetary control in sport and recreation operations;
- be able to develop realistic real-world budgets in sport and recreation operations;
- be fiscally responsible professionals able to provide leadership for sport and recreation organizations.

Rationale: This required course provides an opportunity for MS students to enhance their knowledge and skills as fiscally and financially responsible sport and recreation managers/leaders.

Estimated enrollment: 20 students per class section

Frequency of offering: Every other semester

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013.

PEES 7470X Sport Marketing

45 hours; 3 credits

Students will learn about effective marketing strategies employed in successful sport programs including school-based, community-based, national and international organizations/events and professional sport.

Departmental goals addressed by the course: By taking this required course, the MS student will:

- learn about effective marketing strategies for sport programs;
- better understand how to tailor marketing campaigns for particular sports, target audiences and causes.

Rationale: This required course provides an opportunity for MS students to learn critical skills and gain experience in developing effective marketing strategies.

Estimated enrollment: 20 students per class section

Frequency of offering: Every other semester

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013.

PEES 7480X Global Sport: Olympic/Paralympic Movements and Sport Governance

45 hours; 3 credits

An overview course that explores the structure, operation, and role of global sport organizations such as the International Olympic Committee, the International Paralympic Committee, National Olympic/Paralympic Committees and an assortment of international sport governing bodies.

Departmental goals addressed by the course: By taking this required course, the MS student will:

- understand the scope and influence of major global sport organizations;
- be able to differentiate between the roles played by various global sport organizations in providing global sport competitions;
- gain a deep understanding of the global and diverse impact that the Olympic and Paralympic Games provide around the world.

Rationale: This required course provides an opportunity for MS students to expand their knowledge and gain a global perspective on the impact of sport.

Estimated enrollment: 20 students per class section

Frequency of offering: Every other semester

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

Department of Physical Education and Exercise Science

Date of departmental approval: April 12, 2013

Effective date: Fall 2013

PEES 7990X Directed Readings and Research

15 to 45 hours credit

The student works under the advisement of a faculty member in conducting independent research on topics related to their area of study. The student will typically produce an extensive research paper or any other such acceptable product as agreed upon with the faculty adviser to demonstrate their activities over the semester in exploring the agreed upon subject matter.

Departmental goals addressed by the course: By taking this required course, the physical education student will:

- expand his/her knowledge in a focused area of study within Kinesiology
- deepen his/her knowledge in a focused area of study within Kinesiology

Rationale: This required course provides an opportunity for MS students to enhance their knowledge in areas in which no course offerings are provided.

Estimated enrollment: variable

Frequency of offering: Every semester

Department of Physics

Date of department approval: November 13, 2012

Effective Date: Spring, 2014

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

PHYS 7450X: Statistical Mechanics

60 hours lecture; 4 credits.

Topics include Laws of Thermodynamics; Relationship between Statistics and Thermodynamics; Ensemble Theory; Microcanonical, Canonical, and Grand Canonical Ensembles; Quantum Statistics; Boltzmann Statistics, Fermi-Dirac Statistics, and Bose-Einstein Statistics; the ideal gas in the “classical” limit; Ising model; and Critical Phenomena.

Prerequisite: None

Frequency: Every spring

Projected enrollment: 1 section of 20 students

Clearances: None

Rationale: Statistical Mechanics has become a fundamental course in physics, and it is part of the qualifying exams that Ph.D. students take in most, if not all, universities in the US. Adding this course to Brooklyn College Physics Master’s Program is, therefore, timely.

Department Goals Addressed by Course: Our department seeks to strengthen its Master’s Program and to prepare those of its Master’s students who are continuing their physics studies in Ph.D. programs.

SECTION A-V: CHANGES IN EXISTING COURSES

Department of Health and Nutrition Sciences

Date of departmental approval: April 16, 2013

Effective date of the change: Fall 2013

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

FROM:

HNSC 7234X Nutrition and Exercise

~~30~~ hours ~~plus conference~~; 3 credits

Exploration of human nutritional requirements of exercise; the significance of intermediary metabolic pathways and the effect of dietary manipulation on exercise performance. (This course is the same as PEES 7279X [779X].)

Prerequisite: a course in human or animal physiology and a course in exercise physiology or biochemistry.

TO:

HNSC 7234X Nutrition and Exercise

45 hours ~~plus conference~~; 3 credits

Exploration of human nutritional requirements of exercise; the significance of intermediary metabolic pathways and the effect of dietary manipulation on exercise performance. (This course is the same as PEES 7279X [779X].)

Prerequisite: a course in human or animal physiology and a course in exercise physiology or biochemistry.

Rationale

The change from "30 hours plus conference" to "45 hours" now makes the hours of this course consistent with those of other courses in the Department of Health and Nutrition Sciences MS program in Nutrition.

Department of Physical Education and Exercise Science

Change in course title and description

Date of departmental approval: April 12, 2013.

Effective date: Fall 2013

FROM

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

~~PEES 7092X Research Seminar: Physical Education and Athletics~~

~~45 hours; 3 credits~~

~~Tutorial study with a faculty member in a subject in which formal course work is not offered. Independent reading, reports, and/or fieldwork. Discussion and examinations by arrangement with the instructor.~~

TO

PEES 7000X Research Methods and Design in Kinesiology

45 hours; 3 credits

This should be the first course in which the newly admitted graduate student in the Department of Kinesiology should enroll. Common research methodologies and designs are explored. Quantitative and qualitative research methodologies/designs and statistical applications are covered in order to ensure that the student can effectively comprehend and interpret research in the field and with further preparation conduct their own research.

FROM

~~PEES 7043X Applications of Exercise and Fitness Theory~~

~~30 hours plus conference; 3 credits~~

~~Examination of exercise theory, psychological aspects of physical activity, and current fitness trends. Application of theory to the development and implementation of fitness programs in industrial, commercial, and educational settings.~~

TO

PEES 7043X Applications of Exercise and Fitness Theory

45 hours; 3 credits

Examination of exercise theory, psychological aspects of physical activity, and current fitness trends. Application of theory to the development and implementation of fitness programs in industrial, commercial, and educational settings.

FROM

~~PEES 7044X Sport and the Law~~

~~30 hours plus conference; 3 credits~~

~~Legal concepts and their application to sports. Consideration of constitutional requirements, tort, contract and commercial laws as they relate to the sports professional and participant. Special topics highlighting such developing law as product liability, worker's compensation, and Titles VII and IX are included. (Not open to students who are enrolled in or have completed Physical Education 766X.)~~

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

TO

PEES 7044X Risk Management and Legal Issues in Sport

45 hours; 3 credits

Risk management and legal concepts and their application to sports are covered. Common issues of risk management in sport programs are explored to protect the business, the employees and the participants. Consideration of constitutional requirements, tort, contract and commercial laws as they relate to the sports professional and participant are presented. Special topics highlighting such developing law as product liability, worker's compensation, and Titles VII and IX are included. (Not open to students who are enrolled in or have completed Physical Education 766X.)

FROM

PEES 7150X Physical Education and Athletics in Education and Society

30 hours plus conference; 3 credits

Historical and philosophical study of physical education and athletics in education and society.

TO

PEES 7150X Physical Education and Sport in Education and Society

45 hours; 3 credits

Historical and philosophical study of physical education and sport in education and society.

FROM

PEES 7153X Sociology of Sport

30 hours plus conference; 3 credits

Sport in American society. Sport in relation to education, leisure, social stratification, social mobility, race, sex. Socioeconomic dimensions of sport. Literature on the sociology of sport.

TO

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

PEES 7153X Sociology of Sport

45 hours; 3 credits

The influence of sport in American society and culture is discussed. Sport is explored in relation to education, leisure, social stratification, social mobility, race, and gender. Socioeconomic dimensions of sport are investigated.

FROM

PEES 7154X ~~Sport Psychology~~

~~30 hours plus conference; 3 credits~~

~~Factors influencing the relationship of sport to personality. Selected personality theories; the coach-player relationship; minority groups in sport; aggression; personality characteristics of athletes competing in various sports. Independent projects. Current literature.~~

TO

PEES 7154X Sport and Exercise Psychology

45 hours; 3 credits

The influence of psychological factors on an athlete's sport performance or a person's exercise performance are presented. Factors influencing the relationship of sport to personality; personality theories; the coach-player relationship; minority groups in sport; aggression; personality characteristics of athletes competing in various sports etc. are explored.

FROM

PEES 7155X ~~Administration of Athletics~~

~~30 hours plus conference; 3 credits~~

~~Coordination of procedures for success in athletics. Programs, budgets, legal aspects, coaching, training, medical supervision, rehabilitation.~~

TO

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

PEES 7455X Administration of Interscholastic and Intercollegiate Sport

45 hours; 3 credits

Coordination of procedures for success in school-based sport programs at the secondary and collegiate level is presented. Programs, budgets, risk management, legal aspects, coaching, training, medical supervision, rehabilitation, recruitment and hiring practices are explored.

FROM

~~PEES 7156T Supervision in Physical Education~~

~~30 hours plus conference; 3 credits~~

~~Techniques of supervision in junior and senior high school. Attention to in-service training of personnel; relations with principals, administrators, the community.~~

~~Prerequisite: a graduate course~~

TO

PEES 7156T Supervision in Physical Education

45 hours; 3 credits

Techniques of supervision in junior and senior high school settings are covered. Attention to in-service training of personnel; relations with principals, administrators, and the community is explored.

FROM

~~PEES 7157X Physical Education Curriculum in Secondary School~~

~~30 hours plus conference; 3 credits~~

~~Fundamental principles for curriculum development. Sources and criteria for content selection and organization in required classes, atypical classes, intramural sports, interscholastic athletics for urban and suburban schools.~~

TO

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

PEES 7157X Physical Education Curriculum in Secondary School

45 hours; 3 credits

Fundamental principles for curriculum development are explored. Sources and criteria for content selection and organization in required classes, atypical classes, intramural sports, and interscholastic athletics for urban and suburban schools are discussed.

FROM

PEES 7158X Motor Learning and Human Performance

~~30 hours plus conference~~; 3 credits

Behavioristic and cognitive theories related to the acquisition of gross motor skills. Application of research findings to the teaching of motor skills.

TO

PEES 7158X Motor Learning and Human Performance

45 hours; 3 credits

Behavioristic and cognitive theories related to the acquisition of gross motor skills are presented. Application of research findings to the teaching of motor skills is included.

FROM

PEES 7265X Internship in Exercise Science and ~~Sports Medicine~~

15 hours seminar, 90 hours fieldwork; 3 credits

~~Development of skills in exercise science and sports medicine in an approved setting (hospital, rehabilitation program) under the direction and supervision of agency personnel and a member of the college faculty.~~

~~Prerequisite: Physical Education 7262X [762X] and 7267X [767X].~~

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

TO

PEES 7290X Internship in Exercise Science and Rehabilitation

15 hours seminar, 90 hours fieldwork; 3 credits

Development of skills in exercise science and rehabilitation in one or more approved settings (hospital, rehabilitation program, college research laboratory) under the direction and supervision of agency personnel and/or a member of the college faculty. Students in the Sport Science track may not enroll in this course.

Prerequisite: Completion of PEES 7250X, PEES 7260X, and PEES 7262X.

FROM

PEES 7279X Nutrition and Exercise

~~30 hours plus conference~~; 3 credits

Exploration of human nutritional requirements of exercise; the significance of intermediary metabolic pathways and the effect of dietary manipulation on exercise performance. (This course is the same as Health and Nutrition Sciences 7234X [779X].)

Prerequisite: a college level course in human or animal physiology.

TO

PEES 7279X Nutrition and Exercise

45 hours; 3 credits

Exploration of human nutritional requirements of exercise; the significance of intermediary metabolic pathways and the effect of dietary manipulation on exercise performance. (This course is the same as Health and Nutrition Sciences 7234X [779X].)

Prerequisite: a college level course in human or animal physiology.

FROM

PEES 7342X Principles of Sports Management

~~30 hours plus conference~~; 3 credits

~~Business administration practices as they relate to sports and athletics. Overview of the field of sports management. Suggested directions for the future. Emphasis on the practical and contemporary aspects of the field.~~ (This course must be taken before the completion of 12 credits in the program.) (Not open to students who are enrolled in or have completed Physical Education 766X.)

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

TO

PEES 7342X Business Management of Community/Club Sports and Recreation

45 hours; 3 credits

Business administration practices as they relate to community/club sports and recreation are covered. Overview of the field of community/club sports and recreation management are presented. Emphasis is on the practical and contemporary aspects of successful management. (This course must be taken before the completion of 12 credits in the program.) (Not open to students who are enrolled in or have completed Physical Education 766X.)

FROM

~~PEES 7299X Special Problems: Physical Education and Athletics~~

~~45 hours; 3 credits~~

~~Tutorial study with a faculty member in a subject in which formal course work is not offered. Independent reading, reports, and/or fieldwork. Discussion and examinations by arrangement with the instructor.~~

TO

PEES 7999X Research Seminar in Physical Education

45 hours; 3 credits

Seminar style class with a focus on research practices in exercise/sport science, sports management and physical education in which formal course work is not offered. Independent reading, reports, and/or fieldwork are utilized. Discussion and examinations are conducted in coordination with course instructor. This course is intended to be the culminating experience for the student and should be taken in the student's last semester of enrollment in the program.

RATIONALE:

The faculty of the department determined that in order to meet the contemporary standards of the fields of study offered by the department a major curriculum revision was required to add/delete/modify courses offered. The existing curriculum and many of the courses within it are outdated or obsolete and are based on models no longer being followed by leading programs in the field. All new courses offered herein meet the same college goals as the existing courses but do so more effectively and efficiently. Numerous existing courses are being updated, renumbered or retitled to reflect more contemporary standards. The research and internship classes are, in fact, the same courses but the numbers needed to be changed to reflect that they should either be taken first (Research) or last (Internship) in the course sequence for the program---they are the same as the current course however.

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

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2013.

FROM:

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

SPCL 7904T Research Seminar in School Psychology

45 hours plus conference; 3 credits

Introduction to research design in school psychology. Quantitative and qualitative methods are studied by surveying representative articles in the literature. Critical perspectives on social science research. Students formulate and discuss a research design.

Prerequisite: matriculation in the school psychologist program, ~~a course in statistics and a course in experimental psychology or research methods, 12 credits in the school psychologist program~~, permission of the program head.

TO:

SPCL 7904T Research Seminar in School Psychology

45 hours plus conference; 3 credits

Introduction to research design in school psychology. Quantitative and qualitative methods are studied by surveying representative articles in the literature. Critical perspectives on social science research. Students formulate and discuss a research design.

Prerequisite: matriculation in the school psychologist program, permission of the program head/coordinator.

Rationale: Removing outdated and/or unnecessary course prerequisites; in this case, these are prerequisites that were met by students before entering the program.

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2013.

FROM:

SPCL 7907X Neuropsychology of Learning

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

30 hours plus conference; 3 credits

This course is designed to review the neurophysiological and neuropsychological bases of behavior as it pertains to developmental disorders. Students will identify functional neuroanatomy, neuroimaging techniques, medications, and various neurological and neuropsychological disorders. Students will apply findings and research to contemporary problems and issues facing school psychologists.

Prerequisite: matriculation in the school psychologist program and permission of the program head.

TO:

SPCL 7907X Neuropsychology of Learning

30 hours plus conference; 3 credits

This course is designed to review the neurophysiological and neuropsychological bases of behavior as it pertains to developmental disorders. Students will identify functional neuroanatomy, neuroimaging techniques, medications, and various neurological and neuropsychological disorders. Students will apply findings and research to contemporary problems and issues facing school psychologists.

Prerequisite: matriculation in the school psychologist program, SPCL 7900X, and permission of the program head/coordinator.

Rationale: Added a course prerequisite (Theories of Human Development) that is required knowledge for this course.

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2013.

FROM:

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

SPCL 7910X Cognitive and Academic Assessment

45 hours plus 30 hours conference; 4 credits

Assessment of cognitive abilities, aptitude, and achievement. Administration, scoring, and interpretation of standardized and clinical procedures through lecture and laboratory work. Integration of data from assessment with other sources to produce effective educational recommendations. Critical perspectives on psycho-educational assessment including limitations of contemporary instruments, potential adverse effects of assessment policies, and alternative procedures.

Prerequisite: matriculation in the school psychologist program, ~~a course in statistics~~, and permission of the program head.

TO:

SPCL 7910X Cognitive and Academic Assessment

45 hours plus 30 hours conference; 4 credits

Assessment of cognitive abilities, aptitude, and achievement. Administration, scoring, and interpretation of standardized and clinical procedures through lecture and laboratory work. Integration of data from assessment with other sources to produce effective educational recommendations. Critical perspectives on psycho-educational assessment including limitations of contemporary instruments, potential adverse effects of assessment policies, and alternative procedures.

Prerequisite: matriculation in the school psychologist program, and permission of the program head/coordinator.

Rationale: Removing outdated and/or unnecessary course prerequisites; in this case, these are prerequisites that were met by students before entering the program.

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2014

FROM:

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

SPCL 7912X Social and Adaptive Behavioral Assessment

45 hours plus 30 hours conference; 4 credits

Administration, scoring, and interpretation of measures of adaptive behavior and personality.

Representative projective techniques, objective personality and behavior assessments, and adaptive behavior measures are introduced and administered. Research findings and critiques pertaining to the most commonly used personality and adaptive behavioral assessments are discussed throughout. Field-based assignments are required.

Prerequisite: matriculation in the school psychologist program, SPCL 7910X ~~[726-6X]~~ with a grade of B- or better, and permission of the program head.

TO:

SPCL 7912X Social and Adaptive Behavioral Assessment

45 hours plus 30 hours conference; 4 credits

Administration, scoring, and interpretation of measures of adaptive behavior and personality.

Representative projective techniques, objective personality and behavior assessments, and adaptive behavior measures are introduced and administered. Research findings and critiques pertaining to the most commonly used personality and adaptive behavioral assessments are discussed throughout. Field-based assignments are required.

Prerequisite: matriculation in the school psychologist program, SPCL 7910X with a grade of B- or better, 7911X with a grade of B- or better, and permission of the program head/coordinator.

Rationale: Adding a course prerequisite that was missing, which is required for success in this course; removing a reference to the old numbering system.

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2014

FROM:

SPCL 7913X Integration of Assessment and Report Writing

30 hours lecture plus 30 hours conference; 3 credits

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

Interpretation and integration of findings from evaluations, including cognitive, achievement (both standardized and curriculum-based), personality and behavioral assessment. Report writing and formulation of IEP goals are stressed. Field-based assignments are required.

Prerequisite: matriculation in the school psychologist program, SPCL 7910X [~~726.6X~~] with a grade of B- or better, SPCL 7912X [~~726.7X~~] and permission of the program head.

TO:

SPCL 7913X Integration of Assessment and Report Writing

30 hours lecture plus 30 hours conference; 3 credits

Interpretation and integration of findings from evaluations, including cognitive, achievement (both standardized and curriculum-based), personality and behavioral assessment. Report writing and formulation of IEP goals are stressed. Field-based assignments are required.

Prerequisite: matriculation in the school psychologist program, SPCL 7910X with a grade of B- or better, SPCL 7911X with a grade of B- or better, SPCL 7912X with a grade of B- or better and permission of the program head/coordinator.

Rationale: Adding a course prerequisite that was missing, which is required for success in this course; removing a reference to the old numbering system.

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2014

FROM:

SPCL 7914X Psychological Assessment of Diverse Students

45 hours; 3 credits

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

Psychoeducational assessment of English language learners and culturally diverse children and adolescents. Approaches to nonbiased assessment, including testing in the child's native language, bilingual testing, adaptation of standardized instruments and techniques, and dynamic assessment. Students will administer psychoeducational assessment batteries to language-minority individuals, interpret test data, and write reports. Field-based assignments.

Prerequisite: matriculation in the school psychologist program and SPCL 7910X [726.6X] and 7912X [726.7X], and permission of the program head.

TO:

SPCL 7914X Psychological Assessment of Diverse Students

45 hours; 3 credits

Psychoeducational assessment of English language learners and culturally diverse children and adolescents. Approaches to nonbiased assessment, including testing in the child's native language, bilingual testing, adaptation of standardized instruments and techniques, and dynamic assessment. Students will administer psychoeducational assessment batteries to language-minority individuals, interpret test data, and write reports. Field-based assignments.

Prerequisite: matriculation in the school psychologist program and SPCL 7910X, 7911X and 7912X, and permission of the program head/coordinator.

Rationale: Adding a course prerequisite that was missing, which is required for success in this course; removing a reference to the old numbering system.

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2014

FROM:

SPCL 7922T Multicultural Counseling and Consultation in Schools

45 hours; 3 credits

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

Clinical skills necessary for pupil personnel services providers to work effectively with multilingual and culturally diverse populations. This experience-based course will develop awareness of cultural, linguistic, and ethnic factors that influence and shape behavior and development. Personal history, literature, and films will be analyzed in the contexts of acculturation and identity. Current research and theoretical and applied knowledge in this field will be reviewed. Students will integrate theoretical and applied knowledge in written assignments and presentations.

Prerequisite: ~~SPCL 7920X [733X] or 724.1T or equivalent.~~

TO:

SPCL 7922T Multicultural Counseling and Consultation in Schools

45 hours; 3 credits

Clinical skills necessary for pupil personnel services providers to work effectively with multilingual and culturally diverse populations. This experience-based course will develop awareness of cultural, linguistic, and ethnic factors that influence and shape behavior and development. Personal history, literature, and films will be analyzed in the contexts of acculturation and identity. Current research and theoretical and applied knowledge in this field will be reviewed. Students will integrate theoretical and applied knowledge in written assignments and presentations.

Prerequisite: Permission of the program head/coordinator

Rationale: Removing a reference to the old numbering system and unnecessary prerequisites.

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2014

FROM:

SPCL 7923X Consultation in the Schools

30 hours plus 30 hours conference; 3 credits

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

School-based consultation, with emphasis on a variety of models; acquisition of clinical skills; theoretical bases; exploration of skills and attitudes necessary for working with culturally diverse groups; application of consulting knowledge and skills in both laboratory and field situations; exploration of recent developments, trends, and research in consultation.

Prerequisite: matriculation in the school psychologist program, SPCL 7900X [~~721.1X~~] and 7943X [~~726.4X~~], and permission of the program head. Corequisite: SPCL 7932T [~~704.2T~~].

TO:

SPCL 7923X Consultation in the Schools

30 hours plus 30 hours conference; 3 credits

School-based consultation, with emphasis on a variety of models; acquisition of clinical skills; theoretical bases; exploration of skills and attitudes necessary for working with culturally diverse groups; application of consulting knowledge and skills in both laboratory and field situations; exploration of recent developments, trends, and research in consultation.

Prerequisite: matriculation in the school psychologist program, SPCL 7900X and permission of the program head/coordinator. Corequisite: SPCL 7932T.

Rationale: Removing outdated course prerequisite

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2014

FROM:

SPCL 7931T Practicum in School Psychology I

15 hours plus 100 hours supervised fieldwork; 2 credits

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

Supervised experience in the role and functions of the school psychologist with culturally diverse students, groups, and colleagues.

Prerequisite: matriculation in the school psychologist program and permission of the program head. Corequisite: SPCL 7920X [~~733X~~].

TO:

SPCL 7931T Practicum in School Psychology I

15 hours plus 100 hours supervised fieldwork; 2 credits

Supervised experience in the role and functions of the school psychologist with culturally diverse students, groups, and colleagues.

Prerequisite: matriculation in the school psychologist program, SPCL 7910X with a grade of B- or better, 7911X with a grade of B- or better, and permission of the program head/coordinator.
Corequisite: SPCL 7920X.

Rationale: Adding a course prerequisite that was missing, which is required for success in this course; removing a reference to the old numbering system.

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2014

FROM:

SPCL 7933X Internship in School Psychology I

600 hours fieldwork, plus 15 hours supervision on campus; 3 credits

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

Supervised experience in the clinical and educational functions of the school psychologist in diverse settings. Field experience provides context for supervised integration of previously acquired competencies and professional approaches to the functions of school psychology.

Prerequisite: matriculation in the school psychologist program, ~~SPCL 7903T [715T]~~ and ~~7930X [723X]~~, and permission of the program head.

TO:

SPCL 7933X Internship in School Psychology I

600 hours fieldwork, plus 15 hours supervision on campus; 3 credits

Supervised experience in the clinical and educational functions of the school psychologist in diverse settings. Field experience provides context for supervised integration of previously acquired competencies and professional approaches to the functions of school psychology.

Prerequisite: matriculation in the school psychologist program, SPCL 7932 with a grade of B or better, and permission of the program head/coordinator.

Rationale: Adding a course prerequisite that was missing, which is required for success in this course; removing a reference to the old numbering system.

Department of School Psychology, Counseling, and Leadership

Change in prerequisites

Date of department approval: April 16, 2013

Effective Date: Fall 2014

FROM:

SPCL 7934X Internship in School Psychology II

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

600 hours supervised fieldwork plus 15 hours supervision on campus; 3 credits

Supervised experience in the clinical functions of the school psychologist in diverse settings. Field experience provides context for supervised integration of previously acquired competencies and professional approaches to the functions of school psychology.

Prerequisite: ~~SPCL 7903T [715T]~~ and 7933X ~~[723-1X]~~.

TO:

SPCL 7934X Internship in School Psychology II

600 hours supervised fieldwork plus 15 hours supervision on campus; 3 credits

Supervised experience in the clinical functions of the school psychologist in diverse settings. Field experience provides context for supervised integration of previously acquired competencies and professional approaches to the functions of school psychology.

Prerequisite: matriculation in the school psychologist program, SPCL 7932 with a grade of B or better, SPCL 7933X with a grade of B or better, and permission of the program head/coordinator.

Rationale: Adding a course prerequisite that was missing, which is required for success in this course; removing a reference to the old numbering system.

Department of School Psychology, Counseling, and Leadership

Changes in number, hours and credits and prerequisite

Date of department approval: April 16, 2013

Effective Date: Fall 2014

FROM:

~~SPCL 7941X Psychology of Learning Difficulties II
30 hours lecture, 30 hours laboratory; 3 credits~~

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

Theories and research on ~~emotional, genetic, and familial~~ factors that inhibit the child's learning. Diagnosis, etiology, and remediation of these disorders. ~~Two hours of lecture and two hours of supervised fieldwork each week.~~ Consultation with parents and other professional personnel. Prerequisite: ~~matriculation in the school psychology program and SPCL 7911X~~ and permission of the program head.

TO:

SPCL 7941X Literacy and Learning Difficulties

45 hours; 3 credits

Theories and research on factors that facilitate and inhibit learning and literacy development. Diagnosis, etiology, and remediation of these difficulties. Principles of consultation with parents, teachers, and other professionals.

Prerequisite: Permission of the program head/coordinator.

Rationale: Changes to this course are consistent with schools' increased focus and attention to learning difficulties, particularly reading challenges. Other changes are needed to address contemporary shifts in knowledge and pedagogy.

Reduction in contact hours and elimination of the laboratory component are indicated to make the course more affordable, avoid redundancy, and increase scheduling flexibility. The laboratory skills are addressed in subsequent courses.

Elimination of prerequisites increases flexibility for registering students and facilitates timely graduation.

A-VI: OTHER CHANGES

Department of Health and Nutrition Sciences

Change in Bulletin descriptions of programs

Date of departmental approval: April 16, 2013

Effective date of the change: Fall 2013

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

Division of Graduate Studies

The Health and Nutrition Sciences Department offers the following graduate programs: master of arts in community health with concentrations in community health education and thanatology; master of public health in community health with concentrations in community health, and health care policy and administration, and health care management; master of science in nutrition; master of science in health and nutrition sciences: health teacher (all grades). The department also offers a dietetic internship (DI) accredited by the American Dietetic Association Accreditation Council for Education in Nutrition and Dietetics (ACEND), the Academy of Nutrition and Dietetics' accrediting agency. For information, students should consult the department's deputy chairperson for graduate studies or the DI program director.

Rationale: The following programs are no longer offered: master of public health in health care management, master of science in health and nutrition sciences: health teacher (all grades).

Department of Physical Education and Exercise Science

Changes in headings for course descriptions

Date of departmental approval: April 16, 2013

Effective date of the change: Fall 2013

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

The following section headings within the course description area should be deleted:

Sports management

Phys. Ed. & psychosocial aspects of phys. Activity

Exercise science and rehabilitation

Research courses

Department of Physical Education and Exercise Science

Withdrawal of Courses

PEES 7064X Prevention, Recognition, and Care of Injuries in Active Populations

PEES 7068X Psychology of Physical Activity, Exercise

Appendix

Special Topics

Special Topics: The committee has approved the following special topic 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.

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

This topic is being offered for the first time:

History 7600 Special Topics in History: People's China

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