



# The Graduate School

## UNIVERSITY OF SOUTH CAROLINA

### GRADUATE COUNCIL AGENDA October 26, 2015

**To:** Graduate Council

Dr. Julia Lopez-Robertson, Chair; Drs. Swann Adams, Jennifer Arns, Drucilla Barker, Bobby Brame, Jr., Heather Brandt, Matt Brown, Nancy Brown, Dirk den Ouden, Kay Edwards, Jessica Elfenbein, Jerry Hilbish, Lorne Hofseth, Christian Jensen, Lara Lomicka-Anderson, Caryn Outten, David Tedeschi, Scott White, Susan Yeargin; Brittany Walter, GSA Representative

**CC:** President Harris Pastides, Provost Joan Gabel, Dr. Kristia Finnigan, Deans, Department Chairs, Graduate Directors and Graduate Program Administrators

**From:** Dr. Lacy Ford, Senior Vice Provost and Dean of Graduate Studies

The Graduate Council will meet on Monday, October 26, 2015 at 2:00 P.M. in the Byrnes Building, Room 311 with the following items on the agenda:

1. **Call to Order and Approval of Agenda** (Julia Lopez-Robertson, Chair)
2. **Approval of the Minutes [September 28, 2015](http://app.gradschool.sc.edu/gradcouncil/minutes.asp)**. Approved actions by Graduate Council become effective 30 days after posting. A copy is available on The Graduate School website at: <http://app.gradschool.sc.edu/gradcouncil/minutes.asp>
3. **Report of the Chair** (Julia Lopez-Robertson)
4. **Report of the Dean of Graduate Studies** (Lacy Ford)
5. **Report of the Secretary of the Graduate Council / Associate Dean** (Murray Mitchell)
6. **Report of the Graduate Student Association Representative** (Brittany Walter)
7. **Report of the Academic Policy and Practices Committee** (Matt Brown)
8. **Report of the 500/600 Level Courses, Distance Education and Special Courses** (Murray Mitchell)

A listing of 500/600 Level Courses is presented to Council for informational purposes only.

#### **500/600 Level Courses**

ACCT 506 – Co-requisite  
ECIV 540 - Prerequisite  
ECIV 541 - Prerequisite  
ECIV 542 - Prerequisite  
ECIV 551 - Prerequisite  
ECIV 555 - Prerequisite  
ECIV 556 - Prerequisite  
ECIV 557 - Prerequisite  
ECIV 558 - Prerequisite  
ECIV 562 - Prerequisite  
ECIV 570 - Prerequisite  
ECIV 580 - Co-requisite and pre-requisite  
ECIV 588 - Prerequisite

ENVR 548 - Prerequisite

MUSC 580 – Title and description

### **Distance Education Delivery**

TBA

#### **9. Associate Graduate Faculty Nominations (Murray Mitchell)**

No nominations submitted.

#### **10. Fellowships and Scholarships Committee (Heather Brandt)**

#### **11. Report of Science, Math, and Related Professional Programs Committee (David Tedeschi)**

Course Change Proposal

BIOS 754 Discrete Data Analysis (3)

Add a prerequisite.

**Current:** Prerequisites: EPID 701, BIOS 710 & BIOS 757

**Proposed:** Prerequisites: EPID 701, BIOS 710, BIOS 757 & BIOS 758

[Prerequisites: EPID 701, BIOS 710, BIOS 757 & BIOS 758]

[Effective: Fall 2016]

Course Change Proposal

BIOS 755 Introduction to longitudinal Data Analysis (3)

Add a prerequisite.

**Current:** Prerequisites: BIOS 757

**Proposed:** Prerequisites: BIOS 757 & BIOS 758

[Prerequisites: BIOS 757 & BIOS 758]

[Effective: Fall 2016]

Course Change Proposal

BIOS 759 Biostatistical Methods for Rates and Proportions (3)

Add a prerequisite.

**Current:** Prerequisites: EPID 701 & BIOS 757  
**Proposed:** Prerequisites: EPID 701, BIOS 757 & BIOS 758  
[Prerequisites: EPID 701, BIOS 757 & BIOS 758]  
[Effective: Fall 2016]

Course Change Proposal  
BIOS 760 Biostatistical Methods in Clinical Trials (3)  
Add a prerequisite.  
**Current:** Prerequisites: EPID 741 & BIOS 757  
**Proposed:** Prerequisites: EPID 741, BIOS 757 & BIOS 758  
[Prerequisites: EPID 741, BIOS 757 & BIOS 758]  
[Effective: Fall 2016]

Course Change Proposal  
BIOS 765 Research Design in the Biomedical Sciences (3)  
Add a prerequisite.  
**Current:** Prerequisites: BIOS 757  
**Proposed:** Prerequisites: EPID 741, BIOS 757 & BIOS 758  
[Prerequisites: BIOS 757 & BIOS 758]  
[Effective: Fall 2016]

Course Change Proposal  
BIOS 770 Applied Longitudinal Data Analysis (3)  
Cross-listed with STAT 771. Add a prerequisite.  
**Current:** Prerequisites: BIOS 757 or STAT 705  
**Proposed:** Prerequisites: BIOS 757 or BIOS 758 or STAT 701 or STAT 705  
[Prerequisites: BIOS 757 or BIOS 758 or STAT 701 or STAT 705]  
[Effective: Fall 2016]

Course Change Proposal  
BIOS 775 Biostatistical Aspects of Bioinformatics (3)  
Add a prerequisite.  
**Current:** Prerequisites: BIOS 757  
**Proposed:** Prerequisites: BIOS 757 or BIOS 758  
[Prerequisites: BIOS 757 or BIOS 758]  
[Effective: Fall 2016]

Course Change Proposal  
BIOS 808 Environmetrics (3)  
Cross-listed with STAT 708. Add a prerequisite.  
**Current:** Prerequisites: BIOS 757 or STAT 705  
**Proposed:** Prerequisites: BIOS 757 or BIOS 758 or STAT 705  
[Prerequisites: BIOS 757 or BIOS 758 or STAT 705]  
[Effective: Fall 2016]

Course Change Proposal  
BIOS 810 Survival Analysis (3)  
Add a prerequisite.  
**Current:** Prerequisites: BIOS 757

**Proposed:** Prerequisites: BIOS 757 or BIOS 758  
[Prerequisites: BIOS 757 or BIOS 758]  
[Effective: Fall 2016]

Course Change Proposal

BIOS 815 Generalized Linear Models (3)

Cross-listed with STAT 775. Add a prerequisite.

**Current:** Prerequisites: STAT 513 or STAT 713 and STAT 705 or BIOS 757

**Proposed:** Prerequisites: STAT 513 or STAT 713 and STAT 705 or BIOS 757 or BIOS 758

[Prerequisites: BIOS 757 or BIOS 758]

[Effective: Fall 2016]

Course Change Proposal

BIOS 820 Bayesian Biostatistics and Computation (3)

Cross-listed with STAT 745. Add a prerequisite.

**Current:** Prerequisites: STAT 705 or BIOS 757

**Proposed:** Prerequisites: STAT 705 or BIOS 757 or BIOS 758

[Prerequisites: STAT 705 or BIOS 757 or BIOS 758]

[Effective: Fall 2016]

Course Change Proposal

BIOS 822 Statistical Methods in Spatial Epidemiology (3)

Add a prerequisite.

**Current:** Prerequisites: BIOS 757 & BIOS 759

**Proposed:** Prerequisites: BIOS 757 or BIOS 758 & BIOS 759

[Prerequisites: BIOS 757 or BIOS 758 & BIOS 759]

[Effective: Fall 2016]

Course Change Proposal

BIOS 825 Statistical Methods in Spatial Epidemiology (3)

Add a prerequisite.

**Current:** Prerequisites: BIOS 757 or STAT 516

**Proposed:** Prerequisites: BIOS 757 or BIOS 758 or STAT 516

[Prerequisites: BIOS 757 or BIOS 758 or STAT 516]

[Effective: Fall 2016]

New Program

BMSC Major/Masters in Science in Physician Assistant Studies (112)

The University of South Carolina School of Medicine (USCSOM) is moving ahead rapidly to establish a Master's degree program for physician assistant (PA) education entitled "Masters in Science in Physician Assistant Studies". Physician Assistants (PAs) are needed to address the growing needs for primary care in our state and throughout the nation, especially in rural and underserved areas.

**See full program description on the APPS System.**

[Effective: Fall 2016]

Course Change Proposal

BMSC 742 Seminar for Physician Assistants (1)

Changed course description.

**Current:** Group exercises for enhancing verbal, written and oral presentation skills

**Proposed:** Enhancing interpersonal and professional skills.  
[Effective: Fall 2016]

Course Change Proposal

BMSC 747 Clinical Medicine-Clinical Diagnosis (2)

Change title and course description.

**Current:** Clinical Medicine-Clinical Diagnosis. Instruction in applying results of medical history, physical diagnosis, laboratory tests, and literature investigations to differential diagnosis and designing effective patient treatment strategies.

**Proposed:** Diagnostic Testing. Analysis, utilization and interpretation of diagnostic testing modalities in medicine.

[Effective: Fall 2016]

Course Change Proposal

BMSC 748 Surgery and Emergency Medicine (2)

Changed course description.

**Current:** Instruction in applying results of medical history, physical diagnosis, laboratory tests, and literature investigations to differential diagnosis and designing effective patient treatment strategies.

**Proposed:** Specialized medical topics in emergency and surgical medicine

[Effective: Fall 2016]

Course Change Proposal

BMSC 755 Medical Genetics and Genomics (2)

Changed course title and description.

**Current:** Medical Genetics and Genomics. Instruction in fundamental genetics and the role of human genetic factors in clinical medicine.

**Proposed:** Medical Genetics and Laboratory Diagnostics. Fundamental genetics, the role of human genetic factors in clinical medicine, and interpretation of laboratory data.

[Effective: Fall 2016]

New Course Proposal

BMSC 766 PA Clinical Medicine and Therapeutics I (7)

Examines diseases related to different organ systems including review of pathophysiological basis of disease, resulting clinical signs/symptoms and overview of treatment strategies.

[Prerequisites: Completion of BMSC 740 and PPHP 701]

[Effective: Spring 2016]

New Course Proposal

BMSC 767 PA Clinical Medicine and Therapeutics II (6)

Examines diseases related to different organ systems including review of pathophysiological basis of disease, resulting clinical signs/symptoms and an overview of treatment strategies.

[Prerequisites: BMSC 766]

[Effective: Spring 2016]

New Course Proposal

BMSC 768 PA Clinical Medicine and Therapeutics III (6)

Examines diseases related to different organ systems including a review of pathophysiological basis of disease, resulting clinical signs/symptoms and an overview of treatment strategies.

[Prerequisites: BMSC 768]

[Effective: Spring 2016]

New Course Proposal

BMSC 769 PA Clinical Medicine and Therapeutics IV (7)

Examines disease related to different organ systems including review of pathophysiological basis of disease, resulting clinical signs/symptoms and overview of treatment strategies.

[Restricted to: Physician assistant students only]

[Prerequisites: BMSC 766, 767, 768]

[Effective: Spring 2016]

New Course Proposal

BMSC 770 Clinical Skills Lab (3)

Performing clinical procedures and using technology such as ultrasonography in clinical practice.

[Restricted to: Physician assistant students only]

[Prerequisites: BMSC 766, 767, 768]

[Effective: Spring 2016]

New Program

CBAN Biomedical Sciences MS (12)

Applied Biotechnology. The four courses listed below will form the Applied Biotechnology Concentration. Each course is 3 credits.

MCBA 740 Biological Microscopic Imaging

MCBA 741 Molecular Imaging Methods of Biomedical Research

MCBA 742 Biological Microscopic Imaging II

MCBA 743 Molecular Imaging Methods of Biomedical Research II

[Effective: Fall 2017]

Course Change Proposal

COMD 706 Language Disorders in Children (3)

Changed course title and description.

**Current:** Language Disorders in Children. The neurophysiological and psychological bases of language disorders in children. Differential diagnostic and educational-rehabilitative procedures for treatment of language-impaired children.

**Proposed:** Components of communication, oral language, and speech in preschool children with diverse problems across all aspects of language learning, including factors that serve as precursors to literacy skills as well as evidence-based approaches to language assessment and intervention.

[Effective: Fall 2017]

New Course Proposal

COMD 720 School-Age Language & Literacy Development and Disorders (3)

The relationship between oral and written language and factors that impact reading and

writing (phonological awareness, phonics, vocabulary). Reading (word-level, comprehension, fluency) and writing (composition, spelling) development, assessment, intervention and issues related to delivery of literacy services in the schools.  
[Prerequisites: COMD 507, 570 and 706 or equivalent coursework]  
[Effective: Spring 2017]

#### Program Change

##### CSCE PhD in Computer Science and Engineering (60)

**Current:** Degree Requirements (60 Post Baccalaureate Hours)

PhD in Computer Science and Engineering. Requirements for the Ph.D. degree in computer science and engineering fall into four categories: course requirements, the qualifying examination, the comprehensive examination, and the dissertation. Students who enter the program with a bachelor's degree must complete a minimum of 48 credit hours or graduate course work (excluding CSCE 799 and 899) and 12 hours of dissertation preparation (CSCE 899). Of the 48 hours, at least 24 must be in CSCE courses numbered 700 or above.

**Proposed:** PhD in Computer Science. Degree Requirements (60 Post Baccalaureate Hours)

Requirements for the Ph.D. degree in computer science and engineering fall into four categories: course requirements, the qualifying examination, the comprehensive examination, and the dissertation. Students who enter the program with a bachelor's degree must complete a minimum of 48 credit hours of graduate course work (excluding CSCE 799 and 899) and 12 hours of dissertation preparation (CSCE 899). Of the 48 hours, at least 24 must be in CSCE courses numbered 700 or above.

[Effective: Fall 2016]

#### Program Change

##### CSCE MS in Computer Science and Engineering (30)

**Current:** Degree Requirements (60 Post Baccalaureate Hours)

PhD in Computer Science and Engineering. The Master of Science degree in Computer Science and Engineering requires 24 hours of course work beyond the B.S., 6 hours of thesis preparation (CSCE 799), and a thesis. This course work must include the following core courses:

- CSCE 513 - Computer Architecture
- CSCE 531 - Compiler Construction
- CSCE 750 - Analysis of Algorithms
- CSCE 791 - Seminar in Advances in Computing and an additional 8 hours in CSCE courses numbered 700 and above. A maximum of 6 hours in non-CSCE courses and at most 3 hours of CSCE 798 may be applied toward the degree. CSCE 797 may not be applied toward the degree.

**Proposed:** MS in Computer Science. Degree Requirements (30 Hours)

The Master of Science in Computer Science (MSCS) degree requires 30 credit hours beyond the BS. Students in the MSCS program may elect either the thesis or the non-thesis option. The course work must include:

Core (10 hours):

- CSCE 513 - Computer Architecture
- CSCE 531 - Compiler Construction
- CSCE 750 - Analysis of Algorithms
- CSCE 791 - Seminar in Advances in Computing

Electives (20 hours):

A maximum of six hours in non-CSCE courses and at most three hours of CSCE 798 may be applied toward the degree. CSCE 797 may not be applied toward the degree.

Thesis Option:

Students who choose the thesis option may substitute 6 hours of thesis preparation (CSCE 799) for electives. In addition, students must complete at least 12 hours in CSCE courses numbered 700 and above, and defend the thesis in a public presentation.

Non-Thesis Option:

Students who choose the non-thesis option must complete at least 15 hours in CSCE courses numbered 700 and above, and pass a written comprehensive examination offered at the end of Fall and Spring semesters

[Effective: Fall 2016]

Program Change

CSCE MSE in Software Engineering (30)

**Current:** MSE in Software Engineering. (Degree Requirements (30 Hours))

For students having adequate experience in software development or maintenance, the M.S.E. degree requires 30 hours of course work consisting of 15 hours in required software engineering courses, 15 hours of elective courses from an approved list, and satisfactory completion of a comprehensive software engineering exam. Students must also submit a report on some aspect of software engineering that demonstrates mastery of the subject and a high level of communication skills.

Required Core Courses (15 Hours)

- CSCE 740 - Software Engineering
- CSCE 741 - Software Process
- CSCE 742 - Software Architectures
- CSCE 743 - Software Requirements
- CSCE 747 - Software Testing and Quality Assurance

Approved Elective Courses (15 Hours)

Select from the following:

- CSCE 510 - System Programming
- CSCE 512 - System Performance Evaluation
- CSCE 515 - Computer Network Programming
- CSCE 516 - Computer Networks
- CSCE 520 - Database System Design
- CSCE 522 - Information Security Principles
- CSCE 547 - Windows Programming
- CSCE 721 - Physical Database Design
- CSCE 723 - Advanced Database Design
- CSCE 725 - Information Retrieval: Algorithms and Models
- CSCE 744 - Object-Oriented Analysis and Design
- CSCE 745 - Object-Oriented Programming Methods
- CSCE 767 - Interactive Computer Systems
- CSCE 782 - Multiagent systems
- CSCE 821 - Distributed Database Design
- CSCE 822 - Data Mining and Warehousing
- CSCE 826 - Cooperative Information Systems
- CSCE 846 - Software Reliability and Safety
- MGSC 872 - Project Management



Additional Information:

Students not having one year of experience in software development or maintenance will be required to take CSCE 793 Internship in Software Engineering as a prerequisite that must be completed before the degree will be awarded.

•CSCE 793 - Internship in Software Engineering

**Proposed:** MS in Software Engineering Degree Requirements (30 Hours)

The Master of Science in Software Engineering (MSSE) degree requires 30 credit hours beyond the BS. Students in the MSSE program may elect either the thesis or the non-thesis option. The course work must include:

Core (15 hours):

- CSCE 740 - Software Engineering
- CSCE 741 - Software Process
- CSCE 742 - Software Architectures
- CSCE 743 - Software Requirements
- CSCE 747 - Software Testing and Quality Assurance

Electives (15 hours):

A maximum of six hours in non-CSCE courses and at most three hours of CSCE 798 may be applied toward the degree. CSCE 797 may not be applied toward the degree.

Thesis Option:

Students who choose the thesis option may substitute 6 hours of thesis preparation (CSCE 799) for electives and must defend the thesis in a public presentation.

Non-Thesis Option:

Students who choose the non-thesis option must pass a written comprehensive examination offered at the end of Fall and Spring semesters.

[Effective: Fall 2016]

New Program

CSCE Master of Science in Information Security (30)

Degree Requirements (30 Hours)

The MSIS degree requires 30 credit hours beyond the BS. Students in the MSIS program may elect either the thesis or the non-thesis option. The course work must include:

Core (9 hours):

- CSCE 522 - Information Systems Security Principles
- CSCE 548 - Building Secure Software
- CSCE 715 – Network Systems Security
- Focus Area (9 hours from the following list of courses)
- CSCE 517 – Computer Crime and Forensics
- CSCE 557 – Introduction to Cryptography
- CSCE 719 – Security and Privacy for Wireless Networks
- CSCE 727 – Information Warfare
- CSCE 747 - Software Testing and Quality Assurance
- CSCE 813 – Internet Security
- CSCE 824 – Secure Databases
- CSCE 846 - Software Reliability and Safety

Electives (12 hours)

A maximum of six hours in non-CSCE courses and at most three hours of CSCE 798 may be applied toward the degree. CSCE 797 may not be applied toward the degree.

Thesis Option:

Students who choose the thesis option may substitute 6 hours of thesis preparation (CSCE

799) for electives. In addition, students must complete at least 12 hours in CSCE courses numbered 700 and above, and defend the thesis in a public presentation.

Non-Thesis Option:

Students who choose the non-thesis option must complete at least 15 hours in CSCE courses numbered 700 and above, and pass a written comprehensive examination offered at the end of Fall and Spring semesters.

[Effective: Fall 2016]

Course Change Proposal

EPID 741 Epidemiologic Methods (4)

Application of Epidemiologic methods to current health problems through analysis of secondary data. Strategies for investigating etiologic hypotheses, assessment and control of confounding.

**Current:** Prerequisites: EPID 701 and BIOS 710, Co-requisites: BIOS 757

**Proposed:** EPID 701 and BIOS 710 Coreq: BIOS 757 or BIOS 758

[Effective: Fall 2016]

Program Change

HPEB Master of Social Work/Master of Public Health (84)

**Current:** Degree Requirements M.S.W. (60 Hours) / M.P.H. (45 Hours)

The joint M.S.W./M.P.H. degree program is intended to permit students to earn two complementary and distinct graduate degrees. The HPEB program requires students to concentrate, during their second year of studies, in Social Work Practice with Individuals, Families, and Groups or to concentrate in Social Work Organizations and Communities. Students are allowed to utilize electives taken in one program as degree-filling requirements in the other. The M.S.W./M.P.H. requires 84 hours instead of the 105 hours required to complete the programs separately, including 3 hours of public health practicum (in conjunction with 3 hours of social work field instruction). Candidates must successfully complete a comprehensive examination at or near the conclusion of the program.

**Proposed:** The Department of Health Promotion, Education, and Behavior (HPEB) and the College of Social Work (SOWK) offer a coordinated program that leads to the Master of Social Work and Master of Public Health degrees. Some courses fulfill requirements for both portions of the dual degree. A dual degree program thus typically requires fewer semester hours in total than if the two programs were taken separately. Typically a student would take foundational social work courses during the first year, public health courses during the second year, and advanced social work courses with some public health courses during the third year. Each program provides a typical sequence for the courses; through academic advisement, specific courses are chosen for each individual student to satisfy both sets of program requirements. The MSW electives and one fieldwork social work requirement (9 credit hours total) can be satisfied by HPEB courses and practicum, while three HPEB course requirements and partial practicum credit (12 credit hours total) can be satisfied by social work courses and fieldwork. Thus the 60-credit hour MSW and 45-credit hour MPH can both be completed with a total of 84 credit hours.

[Effective: Fall 2016]

Program Change

HSPM MSW/MPH (87)

**Current:** The Department of Health Services Policy and Management and the College of Social Work offer a coordinated program that leads to a dual degree. Some courses do

fulfill requirements for both portions of the dual degree. A dual degree program thus typically requires fewer semester hours in total than if the two programs were taken separately.

**Proposed:** The Department of Health Services Policy and Management and the College of Social Work offer a coordinated program that leads to a dual degree. Some courses fulfill requirements for both portions of the dual degree. A dual degree program thus typically requires fewer semester hours in total than if the two programs were taken separately. Typically a student would take foundational social work courses during the first year, public health courses during the second year, and advanced social work courses with some public health courses during the third year. Each program provides a typical sequence for the courses; through academic advisement, specific courses are chosen for each individual student to satisfy both sets of program requirements. The specific courses and course sequencing are developed for each individual student. The MSW electives and one fieldwork social work requirement (9 credit hours total) can be satisfied by HSPM courses and practicum, while three HSPM course requirements and partial practicum credit (12 credit hours total) can be satisfied by social work courses and fieldwork. Thus the 60-credit hour MSW and 45-credit hour MPH can both be completed with a total of 84 credit hours. [Effective: Fall 2016]

#### New Program

##### MATH 737 Introduction to Complex Geometry (124)

Algebraic geometry over the complex numbers, using ideas from topology, complex variable theory, and differential geometry.

[Effective: Fall 2016]

#### Program Change

##### PHYT Doctor of Physical Therapy (3)

**Current:** Clinical Experiences (20 Hours)

- PHYT 850 - Clinical Experience Physical Therapy I
- PHYT 851 - Clinical Experience in Physical Therapy II
- PHYT 852 - Clinical Experience in Physical Therapy III
- ~~PHYT 853 - Clinical Experience in Physical Therapy IV~~

**Proposed:** Clinical Experiences (20 Hours)

- PHYT 850 - Clinical Experience in Physical Therapy I
- PHYT 851 - Clinical Experience in Physical Therapy II
- PHYT 852 - Clinical Experience in Physical Therapy III
- PHYT 860 - Clinical Experience in Physical Therapy IVa
- PHYT 861 - Clinical Experience in Physical Therapy IVb

[Effective: Fall 2016]

#### New Course Proposal

##### PHYT 860 Clinical Experience in Physical Therapy IVa (1)

An 80 hour clinical education experience to demonstrate professional behaviors while safely managing a partial caseload.

[Effective: Summer 2016]

#### New Course Proposal

##### PHYT 861 Clinical Experience in Physical Therapy IVb (5)

A 400 hour clinical education experience to develop physical therapy management skills in

a setting preferred by the student.  
[Restricted to: Physical Therapy Majors]  
[Effective: Fall 2016]

12. **Report of the Humanities, Social Sciences, Education, and Related Professional Programs Committee** (Drucilla Barker)

Course Change Proposal/Bulletin Change  
BADM Major/Degree Program (43)

To change program hours from 43 to 44

**Current:**

Degree Requirements (43 hours)

MBA candidates will complete a ~~43~~-credit-hour curriculum as follows:

A minimum of ~~13~~ credit hours from a Business Foundations Core consisting of:

- DMSB 710 - Financial Accounting in the Global Environment
- DMSB 712 - Quantitative Methods in Business
- DMSB 713 - Global Economics
- DMSB 717 - Management Accounting in the Global Environment
- DMSB 719 - Information Systems
- DMSB 740 - Management of Human Capital
- ~~DMSB 723 - Leading Teams and Organizations~~

12 credit hours from a Functional Core consisting of:

- DMSB 715 - Global Finance
- DMSB 716 - Global Marketing Management
- DMSB 718 - Global Supply Chain and Operations Management.
- ~~DMSB 750 - Capstone Experience~~

48 credit hours of electives:

- These electives are chosen from the list of approved elective offerings of the Moore School of Business. Individual departments may require specific electives to be taken in order to fulfill requirements for identified specializations.

**Proposed:**

Degree Requirements (44 hours)

MBA candidates will complete a 44 credit hour curriculum as follows:

A minimum of 6 credit hours from a Business Foundations Core consisting of:

- DMSB 710 - Financial Accounting in the Global Environment
- DMSB 712 - Quantitative Methods in Business
- DMSB 713 - Global Economics
- DMSB 717 - Management Accounting in the Global Environment
- DMSB 719 - Information Systems
- DMSB 740 - Management of Human Capital

A minimum of 14 credit hours from a Functional Core consisting of: • DMSB 715 - Global Finance

- DMSB 716 - Global Marketing Management
- DMSB 718 - Global Supply Chain and Operations Management
- DMSB 711 - Global Strategic Management
- DMSB 723 - Leading Teams and Organizations

A minimum of 24 credit hours of electives:

- These electives are chosen from the list of approved elective offerings of the Moore School

of Business. Individual departments may require specific electives to be taken in order to fulfill requirements for identified specializations.  
[Effective: Fall 2016]

#### New Course Proposal

##### GRAD 722 Graduate Civic Scholars Seminar III (0)

Application of advanced principles and approaches to community-engaged research and civic scholarship. Restricted to: graduate students admitted into the Graduate Civic Scholars Program. Special permission from the department and the instructor.  
[Effective: Spring 2016]

#### Course Change Proposal

##### EDEL709 The Theory and Use of Instructional Materials in Elementary School (3)

To change title and course description.

**Current:** ~~The Theory and Use of Instructional Materials in Elementary School~~

~~Examination of several theories of learning and their relationship to the use of instructional materials. Opportunity to examine the materials of instruction and equipment in common use in the elementary school. Students must undertake studies in the use or development of instructional materials.~~

**Proposed:** Curriculum and instruction Practices Designed to Teach Content and Literacy Across the Curriculum

An investigation of the beliefs and practices of high quality instructional methods and materials designed to teach elementary readers, writers, mathematicians, scientists and social scientists. Individual content area instruction will be addressed as well as strategies for genuine integration across the curriculum. Special attention will be devoted to teaching diverse populations including English Language Users, in culturally responsive ways.

[Effective: Fall 2016]

#### New Course Proposal

##### EDEX 718 Intensive Practicum in Applied Behavior Analysis (3-6)

Principles of applied behavior analysis in the design, delivery, and evaluation of instruction of children and adults in school, home, and community settings.  
[Effective: Spring 2016]

#### Program Change

##### ECON Major/Economics, PhD (60)

To change two policies of Ph.D. degree in Economics. 1) To allow students to choose all six Second-Year courses in collaboration with the faculty. Before, three of those courses were stipulated. The new policy allows the students to take advantage of faculty expertise and their own interests. 2) To change our Comprehensive Examination procedure. The change is to make the Comprehensive Exam centered on a research paper and presentation. This is now the norm in our peer institutions. It prepares the student much better for the job market, where a published paper helps secure a good placement.

**Current:** See changes specified in the APPS system.

**Proposed:** See changes specified in the APPS system.

[Effective: Fall 2016]

#### Program Change

ECON Major/PhD in Economics (60)

The proposal is to change two policies of Ph.D. degree in Economics. 1) To allow students to choose all six Second-Year courses in collaboration with the faculty. Before, three of those courses were stipulated. The new policy allows the students to take advantage of faculty expertise and their own interests. 2) To change our Comprehensive Examination procedure. The change is to make the Comprehensive Exam centered on a research paper and presentation. This is now the norm in our peer institutions. It prepares the student much better for the job market, where a published paper helps secure a good placement.

**Current:** See changes specified in the APPS system.

**Proposed:** See changes specified in the APPS system.

[Effective: Fall 2016]

Course Change Proposal

ECON 840 Economic Growth (3)

Add course description-currently missing in bulletin.

**Current:** None.

**Proposed:** Advanced theory of economic growth. Mathematical models of growth, including the neoclassical model, endogenous growth models, and models of imperfect competition and growth, will be examined. Techniques of dynamic optimization are used to solve models. Empirical methods will be applied to models of economic growth.

[Effective: Fall 2016]

New Course Proposal

ECON 892 Third Year Seminar 1 (2)

Design and execution of a research paper in Economics. Preparation for writing a dissertation in Economics.

[Effective: Fall 2016]

New Course Proposal

ECON 893 Third Year Seminar 2 (1)

Design and execution of a research paper in Economics. Preparation for writing a dissertation in Economics.

[Effective: Fall 2016]

Course Change Proposal

DMSB 711 Global Strategic Management (3)

To change credits to variable (2-3)

Focuses on the strategic challenges confronting firms that compete in the global economy. A firm's strategy is its "theory" of how to gain competitive advantage and compete successfully in the marketplace. The objective of this course is to have an enhanced understanding of the strategic management of an enterprise engaged in international business.

[Effective: Fall 2016]

Course Change Proposal

DMSB 723 Leading Teams and Organizations (3)

To change credits to variable (2-3)

Focuses on developing skills to effectively lead teams and manage talent within organizations. The course uses a variety of methods to illustrate ideas and help you

develop skills to excel in leadership positions.  
[Effective: Fall 2016]

Program Change

ITEC Major Master of Health Information Technology, Hospitality, Retail & Sports Management (36)

Proposed changes address the issues of some courses not appropriate for major while others were redundant.

**Current:** See changes specified in the APPS system.

**Proposed:** See changes specified in the APPS system.

[Effective: Fall 2016]

Program Change

MGMT Major-Master of Human Resources (45)

Employment Relations Law (MGMT 721) has been an elective in the MHR, but functionally every student takes it and we encourage all students to take it. Further, in order to comply with the leading national organization in HR (Society of Human Resources Management), this course needs to be a Core course. As a result of moving this course to a Core course, the requirement for electives has changed, and thus there is no need to include a section on "Electives". The other courses previously listed as electives were therefore moved to "Business Foundation Coursework". This change also necessitates the change in required course hours. By implementing this change, the MHR program will receive additional exposure in the professional market, and will align us better with peer-institutions. SHRM will include our program on their website with other schools that meet their guidelines—schools that we compete with for students.

**Current:** See changes specified in the APPS system.

**Proposed:** See changes specified in the APPS system.

[Effective: Fall 2016]

Course Change Proposal

RETL 745 International Retailing (3)

To change course to distance delivery.

[Effective: Summer 2017]

Course Change Proposal

RETL 747 Strategies in Retailing (3)

To change course to distance delivery.

[Effective: Summer 2017]

Program Change

PSYC Major-Experimental Psychology, M.A. (30)

The Experimental Program has processed a New Course Proposal for an additional module (PSYC 702E) entitled Experimental Design. Students in the M.A. and Ph.D. Experimental programs will be permitted to take this module to satisfy their 12 hour requirement for these foundational courses.

**Current:** See changes specified in the APPS system.

**Proposed:** See changes specified in the APPS system.

[Effective: Fall 2016]

#### Program Change

##### Clinical-Community Psychology, PhD (81)

As a result of the Clinical-Community Ph.D. Program's site visit by the American Psychological Association, we have re-structured our practicum requirements to mandate that all of the 12 hours of practicum must be clinically focused ( PSYC 782, PSYC 830, PSYC 827, PSYC 835) and we will offer the community practicum courses as electives. The new PSYC 760 Ethics course is offered for three credits, not four as was previously listed in the bulletin. The course descriptions should match the course titles listed in the Grad School bulletin. Changes under the heading "Other Program Requirements" are intended to reflect current practice; the specialty comprehensive exam is no longer a requirement. All other material relating to program description and requirements remains unchanged.

**Current:** See changes specified in the APPS system.

**Proposed:** See changes specified in the APPS system.

[Effective: Fall 2016]

#### New Course Proposal

##### PSYC 702 Experimental Design (2)

Basic principles of sound experimental design, including such topics as internal and external validity, subject selection factors, and techniques for reducing sampling error and minimizing bias. Covers practical limitations to ideal experimental design and the identification of design conventions specific to the students' field of study.

[Effective: Fall 2016]

#### Course Change Proposal

##### PSYC 709 Basic Quantitative Methods in the Analysis of Behavioral Data I (3)

**Current:** Quantitative methods for graduate students in psychology and other behavioral sciences. Emphasizes logical/intuitive understanding of the basic techniques, focuses heavily on the application of these methods to psychological research. Three lecture/discussion hours and a one-hour scheduled lab per week.

**Proposed:** Quantitative methods for graduate students in psychology and other behavioral sciences. Emphasizes logical/intuitive understanding of the basic techniques, focuses heavily on the application of these methods to psychological research. Three lecture/discussion hours and a one-hour scheduled lab per week.

[Prereq: An introductory course in statistics in psychology or mathematics]

[Effective: Fall 2016]

#### Course Change Proposal

##### PSYC 710 Basic Quantitative Methods in the Analysis of Behavioral Data II (3)

Add a prerequisite

[Prereq: PSYC 709]

[Effective: Fall 2016]

#### Program Change

##### INTB Major Degree Executive International MBA (48)

Change bulletin language and program requirements. See changes specified in the APPS system.

[Effective: Fall 2016]



Program Change/New Academic Certificate  
INTB Academic Certificate Global Strategy (12)

The Global Strategy Certificate Program is a unique educational opportunity for those interested in global management careers in business, financial, or non-profit organizations. It provides specialized content knowledge in global strategy and related areas and facilitates further development of essential skills such as critical thinking, problem solving, and contextual intelligence. Specifically, participants will learn how to utilize global opportunities for growth, assess risks and benefits of different investment and locational choices, and manage effectively their activities across borders. They will develop valuable insights and practical skills for assessing and understanding the economic, institutional, and cultural differences across markets and for creating competitive global organizations in the new world economy.

[Effective: Fall 2016]

Program Change/New Academic Certificate  
INTB Academic Certificate International Finance (12)

The International Finance Certificate is a unique opportunity for those with interests or careers in finance and related fields to gain specialized knowledge and skills in international finance and investments. The certificate offers courses that analyze the international financial environment and the multinational corporation, financial management of multinational corporations, international investments and portfolio management, and international corporate governance.

[Effective: Fall 2016]

**13. Report of the Grievances, Appeals and Petitions Committee (Nancy Brown)**

One case to be presented in closed session.

**14. Other Committee Reports**

**15. Old Business**

**16. New Business**

**17. Good of the Order**

**18. Adjournment**