



The Graduate School

UNIVERSITY OF SOUTH CAROLINA

GRADUATE COUNCIL AGENDA May 20, 2013

To: Graduate Council

Dr. Joseph Quattro, Chair; Drs. Subra Bulusu, Wayne Carver, Erik Drasgow, Minuette Floyd, Stacy Fritz, Edward Gatzke, Michael Hodgson, J. Daniel Jenkins, Kartik Kalaignanam, DeAnne Messias, Murray Mitchell, Lauren Sklaroff, Paul Solomon, Tracey Weldon- Stewart, Ercan Turk, Adela Vraciu, Lee Walker (substituting for David Darmofal), Terrance Weik; John Knox, GSA Representative

CC: President Harris Pastides, Provost Michael Amiridis, Dr. Kristia Finnigan, Deans, Department Chairs, Graduate Directors and Graduate Program Administrators

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

The Graduate Council will meet on Monday, May 20, 2013 at 11:30am in the Byrnes Building, Room 311 with the following items on the agenda:

1. **Call to Order and Approval of Agenda** (Joseph Quattro)
2. **Approval of the Minutes** ([April 22, 2013 Minutes](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** (Joseph Quattro)
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** (John Knox)
7. **Report of the Academic Policy and Practices Committee** (Paul Solomon)
8. **Report of the 500/600 Level Courses, Distance Education and Special Courses** (Murray Mitchell)

500/600 Level Courses

APPROVED

[SOWK 679/HPEB 679 Addressing Childhood Obesity through Community Approaches](#) (2)
[Effective Term: Fall 2013]

[SOWK 678 /PUBH 678 Transforming Health Care for the Future](#) (1)
[Effective Term: Fall 2013]

Distance Education Delivery

APPROVED

[PHYT J 806 Clinical Pathology and Differential Diagnosis](#) (3)
[Effective Term: Fall 2013]

[SOWK J 768 T Psychodiagnostics](#) (3)
[Effective Term: Summer II 2013]

9. **Fellowships and Scholarships Committee** (Wayne Carver)
10. **Report of Science, Math, and Related Professional Programs Committee** (Ed Gatzke)

ENGINEERING AND COMPUTING

Biomedical Engineering

Academic Program Actions

[Master of Engineering in Biomedical Engineering](#)

According to the Bureau of Labor Statistics, employment of biomedical engineers is projected to grow by 62 percent from 2010 to 2020, much faster than the average for all occupations. However, because it is a small occupation, the fast growth will result in only about 9,700 new jobs over the 10- year period. The aging baby-boom generation is expected to increase demand for biomedical devices and procedures, as it seeks to maintain healthy and active lifestyles. Additionally, as the public has become aware of recent medical advances and procedures, increasing numbers of people are seeking these new treatments from their physicians. Professional biomedical engineers will likely experience more demand for their services because of the breadth of activities they are prepared to engage in, made possible by the diverse nature of their training.

The proposed Master of Engineering degree program offers intensive, focused training in the professional practice of biomedical engineering. It is targeted toward students planning to pursue industrial careers in Biomedical Engineering professions. Industry demand for post-baccalaureate training remains high, while reductions in federal research support have reduced the availability of assistantships for traditional M.S.- seeking students. Such programs have recently been introduced at top Universities both nationwide and at our peer institutions within the Southeast. In addition, this degree program is designed to support economic development in the healthcare field, contributing to the advancement of a knowledge-based economy in South Carolina. We have recently observed strong growth in the relocation or opening of new facilities by healthcare companies in the State, as well as the formation of new start-up businesses.

There is no similar program at a public or private university in South Carolina. Both Clemson University and the University of South Carolina offer Master of Science (M.S.) degrees in Bioengineering/Biomedical Engineering, but neither offers a professional degree for the practice of biomedical engineering at the advanced level. The M.S. degree is a research-focused advanced degree intended to prepare students for a career in biomedical research. The new M.E. program will integrate graduate-level course work with opportunities for internship experience to prepare students for product and technology development. It is considered a professional terminal degree.

We anticipate about 10 students will enroll in the M.E. degree in biomedical engineering the first semester it is offered. The Biomedical Engineering Program is working closely with SCBIO and its members to assure that the curriculum that will be delivered through this professional degree will meet the needs of the biomedical manufacturing community. Therefore, we anticipate that the enrollment will increase by at least 40% annually.

[Effective Term: Spring 2014]

ARNOLD SCHOOL OF PUBLIC HEALTH

Epidemiology and Biostatistics

New Course Proposal

[EPID 802 Advanced Analytical Methods in Epidemiology](#)

Advanced and emerging analytic techniques in epidemiology with emphasis on application of methods, data analysis and interpretation. While doctoral students in epidemiology and others in related fields need to know these methods, it is challenging to cover them all in a meaningful way in a single course. Therefore this course is designed to supplement the existing methods course in epidemiology for doctoral students (EPID 800).

[Effective Term: Fall 2013]

New Course Proposal

[NURS 770 Nursing Field Study](#)

Supervised field study in a selected area of clinical practice.

The supervised independent Field Study allows graduate students to obtain additional direct clinical practice hours in order to meet certification and licensure requirements.

[Effective Term: Fall 2013]

11. Report of the Humanities, Social Sciences, Education, and Related Professional Programs Committee (Tracey Weldon-Stewart)

COLLEGE OF ARTS AND SCIENCES

School of Music

Academic Program Actions

(Tabled until August)

Master of Music Violin Pedagogy

Change of concentration

The School of Music has offered the Master of Music and Doctor of Musical Arts degree programs in piano pedagogy for more than 30 years. The proposed MM degree concentration in violin pedagogy shares a number of features with the existing MM concentration in piano pedagogy. The new concentration in violin pedagogy will join existing concentrations in conducting, composition, jazz studies, music history, opera theatre, and piano pedagogy which were collected under a "generic" Master of Music degree approximately two years ago. (The Master of Music in performance and the Master of Music Education degrees remain as distinct degree offerings.)

The proposed concentration in Violin Pedagogy will prepare students to become excellent teachers in individual and group lesson settings. It is expected that graduates of this program will open their own private violin studios or teach in schools and colleges in the same manner as our piano pedagogy graduates have done.

An innovative feature of this proposed concentration in violin pedagogy is the blending of traditional violin pedagogy with instruction in the Suzuki Method for Violin. The Suzuki method of teaching music was conceived and developed by Japanese violinist Shin'ichi Suzuki in the middle of the 20th century. The popularity of Suzuki Violin programs is well-established with thousands of participating students throughout the world. The coursework included the proposed degree will lead students toward certification in the Suzuki Method by the Suzuki Association of America.

East Carolina University is the only institution in the Southeast that offers a master's degree that incorporates training in the Suzuki method. The University of Memphis and Vanderbilt University offer some instructional courses that may lead to certification by the Suzuki Association of America but are not an integral part of a master's degree in music. Since there are very few degrees of this type in the U.S., it is expected that the degree will be attractive to potential students.

[Effective Term: Fall 2014]

MOORE SCHOOL OF BUSINESS

Economics

New Course Proposal

ECON 736 Applied Econometrics

The theory and application of linear regression analysis to economic problems. The course will present both finite-sample and asymptotic properties of regression estimators, and address problems that arise in using regression methods with economic data.

[Effective Term: Fall 2014]

International Business

Academic Program Actions

[Executive International Master of Business Administration](#)

Program Delivery Method Change

The Executive International Master of Business Administration (EIMBA) has been an ongoing and successful degree program in coordination with Tec de Monterrey- Guadalajara. In the existing model, students participate in classes that are taught by USC faculty at both the Tec and USC campuses. The EIMBA program is designed for experienced managers and senior professionals with a minimum of 5 years of work experience. Students are drawn primarily from the Mexican business community. The length of the program is 22 months, and graduates earn both an Executive International MBA from the Darla Moore School of Business and an MA (Maestria en Administracion) from the Tecnologico de Monterrey. Classes are held at Tec de Monterrey, Campus Guadalajara, every third weekend. Half of the classes are taught by professors of the Tecnologico de Monterrey, and half by professors of the Moore School, who travel to Guadalajara to facilitate the classes in person. The curriculum is composed of 10 core courses, four electives, and three seminars- two residencies in Columbia, SC and one international study experience (recent cohorts have traveled to Shanghai, China).

In addition to the existing model we would like to offer the same degree for students but with additional opportunities for online delivery. Students would still be responsible for completion of the 48 hours of coursework as currently defined in the bulletin; however, they would be able to access the bulk of the content online. Courses delivered online would consist of both asynchronous and synchronous activities, ensuring opportunities for engagement among students within the class and between students and the professor. Students would meet in person as a cohort for nine of the forty-eight credit hours-one course to begin the program, one in the middle, and one as their last course in the program. Of these three in-person courses, one would be offered at the USC-Columbia campus, one at Tec de Monterrey, and one at a third abroad location. These courses would consist of intensive on-campus or international immersion experiences as well as asynchronous activities.

Of the existing courses, all core and seminar courses are already approved for distributed learning:

Ten Core Courses (30 Hours)

ACCT 728 - Financial Accounting - approved
ACCT 729 - Managerial Accounting - approved
MGSC 711- Quantitative Methods in Business - approved
ECON 720- Managerial Economics - approved
DMSB 715- Global Finance - approved
MBAD 702- Strategic Management - approved
MGMT 770- Organization Behavior - approved
MGSC 791- Operations Management - approved
MGSC 796- Information Systems - approved
DMSB 716- Global Marketing Management - approved

Global Business Issues Seminar (1 Hour)

DMSB 725 - Global Business Issues - approved

International Management Seminar (2 Hours)

DMSB 714 - Managing the Multinational Enterprise (Different course title, "International Management", in the bulletin?) - approved

Three one-hour seminars regarding doing business chosen from courses including the following: (3 Hours)

China

- DMSB 727 - Chinese Business Issues - *approved*

India

- DMSB 728- Indian Business Issues- *approved*

Japan

- DMSB 729- Japanese Business Issues - *approved*

Africa

- DMSB 730- African Business Issues - *approved*

Latin America

- DMSB 731- Latin American Business Issues- *approved*

Western Europe

- DMSB 735 - Western European Business Issues- *approved*

Central and Eastern Europe

- DMSB 736- Central and Eastern European Business Issues - *approved*

Elective Courses (12 Hours)

Students are required to take 12 elective hours. Currently, the Darla Moore School of Business has over 165 courses across each discipline that

is already approved for distributed learning. Below is a sampling of some of these courses that could be taken as an elective:

ACCT 730 -International Accounting
ACCT 731 - Federal Taxes and Management Decisions
ACCT 732 - Auditing II
ACCT 733 - Accounting Regulation and Financial Reporting Issues
ACCT 734 - Accounting Research and Communication
ACCT 735 - Cost/Managerial Accounting III
DMSB 710- Financial Accounting in the Global Environment
DMSB 711- Global Strategic Management
DMSB 712 - Decision Analysis
DMSB 713 - Global Economics
DMSB 717- Management Accounting in the Global Environment
DMSB 718- Operations Management
DMSB 719 - Information Systems
DMSB 720 - International Organizational Behavior
IBUS 731- Global Competitive Analysis
IBUS 732 - Comparative Management
IBUS 733 - East/West Business
IBUS 734- International Business Negotiations
IBUS 735- International Mergers and Acquisitions
IBUS 736- Strategic Management of Global Supply Chains
IBUS 737- International Information Systems

This online model would allow for additional flexibility for students pursuing this degree. Additionally, it would relieve students of the burden of location. By offering an online component, it will be possible to serve students in other parts of Latin America.

[Effective Term: Fall 2013]

Academic Program Actions

[Dual Degree - Master of International Business/Master in International Management
Universita Bocconi Italy](#)

Dual Degree Programs

This Double (Dual) Degree program is a course of study at the University of South Carolina, Darla Moore School of Business (USC) and Universita Bocconi, Milan, Italy. The course of study allows students to obtain degrees at both institutions. The program will give selected students from both institutions the opportunity to acquire the Master of International Business (MIB) from USC and the Master of International Management (MIM) from Universita Bocconi, in accordance with all

curriculum requirements of each respective institution.

The intended length of study to obtain both degrees program shall be two years. Double degree students will spend two semesters at USC and two semesters at Universita Bocconi. Students spend the first year at their home institution and spend their second year at the host institution.

Each student who participates in the double degree program must apply to and be admitted to the University of South Carolina Graduate School following admission procedures in place at the University, and no student in the program may take courses at the University of South Carolina without being admitted. The University of South Carolina will have sole responsibility for determining if students in the program meet progression requirements of the Master of International Business program and will have the sole responsibility for determining whether or not students have met the requirements for awarding of the Master of International Business degree. The University of South Carolina may award the degree to students who have completed the requirements of the MIB program, even if they have not completed the degree requirements of the partner school.

In answering the question in the Academic Program Actions (APA) form, the question regarding credit hours may need explanation. Students admitted into the program initially at USC take 30 credit hours at USC, all of which count toward the MIB degree. These 30 credit hours satisfy the requirements for the MIB degree. For students who are admitted to Bocconi first and who study at USC in the second year, 12 credit hours are given toward the MIB degree for courses taken at Bocconi. For USC students Bocconi awards 50 ECTS (=25 credit hours) toward their degree for courses taken in MIB.

In answering the question on delivery location, USC students will earn 100% of the credits for the USC degree from courses taken at the University of South Carolina. Bocconi students will earn 67% of the credits for the USC degree from courses taken at the University of South Carolina. 100% of the credit hours for the USC degree, whether earned at Bocconi or at USC, will be given via traditional face-to-face delivery.

[Effective Term: Fall 2014]

Academic Program Actions

[Master of International Business](#)

Changes in degree and degree requirements.

The MIB admission degree requirement is being changed. When originally established, MIB was designed for students with an undergraduate major in international business. We now find that students with business and economics degrees, who are not necessarily international business majors, have interest in the program and meet all course prerequisite

knowledge.

The degree requirements are also being changed. To add flexibility and to accommodate student interests and course availability, the distinction between "International Studies" and "Foreign Policy" electives are being removed. The same nine credit hours of electives will instead be satisfied through "International Affairs" electives. International Affairs courses include graduate offerings in foreign policy, international development, international law, and international studies.

[Effective Term: Fall 2014]

Course Change Proposal

[FINA 761 Advanced Financial Management](#)

Change Prerequisites/Corequisites.

The current graduate bulletin entry for FINA 761 has IBUS 711 as the prerequisite. The correct prerequisites for FINA 761 should be either FINA 760 or DMSB 715. FINA 760 is the core finance class for the PMBA program. DMSB 715 is the core finance class for the IMBA/AMBA program.

[Effective Term: Fall 2013]

12. Report of the Grievances, Appeals and Petitions Committee (Erik Drasgow)

Reports to be heard at this time.

13. Other Committee Reports

14. Old Business

15. New Business

16. Good of the Order

17. Adjournment