The Graduate Council met on Monday November 26, 2012 at 2:00 P.M. in room 311 of the Byrnes Building.

**Graduate Council members present:** Dr. Joseph Quattro, Chair; Drs. Subra Bulusu, Erik Drasgow, Edward Gatzke, Minuette Floyd, J. Daniel Jenkins, Kartik Kalaignanam, DeAnne Messias, Murray Mitchell, Lauren Sklaroff, Paul Solomon, Tracey Weldon-Stewart, Adela Vraciu;

**Graduate Council members absent:** Drs., Wayne Carver, Ercan Turk, Michael Hodgson, Lee Walker, Terrance Weik;

**Graduate School Representatives:** Dr. Jessica Elfenbein, Dale Moore and Valarie Trapp

**Graduate Student Representative:** John Knox

**Provost Office Representative:** Dr. Kristia Finnigan

**NOTE:** These minutes will become final on January 2, 2013, if not challenged.

1. **Call to Order and Approval of Agenda** (Joseph Quattro)

   Dr. Quattro called the meeting to order at 2:08 p.m.

2. **Approval of minutes** ([Minutes of the October 22, 2012 meeting](http://app.gradschool.sc.edu/gradcouncil/minutes.asp)). The minutes were reviewed electronically and were approved by the Council pending additional comments provided from the Report of the Academic Policy and Practices Committee, Dr. Paul Solomon.

   Minutes are on file at The Graduate School website at: http://app.gradschool.sc.edu/gradcouncil/minutes.asp

3. **Report of the Chair** (Joseph Quattro)

   Dr. Quattro requested the minutes be updated per Dr. Solomon's request.

4. **Report of the Dean of The Graduate School** (Lacy Ford is excused)
Dr. Elfenbein (Senior Associate Dean) shared information regarding the success of the Graduate School Open House after receiving positive feedback from attendees. She requests and welcomes further feedback for future meetings and functions; especially, regarding "likes and dislikes" of the Open House format.

Dr. Elfenbein reported success with the visiting deans, Dr. Ramona Mellott and Dr. Maureen Grasso, November 13-14, 2012. In regards to Diversity in Recruiting, she stated that the key to success in this area will be in establishing sound data. She thanked those involved and attributed the success of the visit to strong faculty participation.

Dr. Elfenbein shared information regarding George Thompson, Publisher-in-Residence, during his week of interviews with Presidential Fellows, graduate students, and lectures November 13th - 16th, 2012. This event was very well-received; and, allows for new partnerships with USC Press and graduate students.

Dr. Elfenbein announced the search for a new Program Coordinator is under way to replace Cynthia Stanley who is transitioning from a Program Coordinator position to Information Resource Consultant I – Network Manager. Dr. Elfenbein also announced upcoming postings of new positions for graduate assistants, and a position for a Data and Special Events Coordinator.

5. **Report of the Associate Dean / Secretary of the Graduate Council**  
(Murray Mitchell)

Dr. Mitchell announced that he will be sharing information for "new" Graduate Directors, Graduate Coordinators and Administrators at the Graduate School on Tuesday, November 27 from 1:30pm to 3:00 pm. He stressed that the sessions are intended to target new people, to offer guidance in valuable resources which include admissions processing, tracking documents, financial aid in recruiting new students, and identifying resources for current students.

Dr. Mitchell will address understanding program of study responses to track progress of students before it becomes an issue for the student within the department. The session will also include information regarding Academic Regulations found in the Graduate Bulletin, where answers to 75% of the questions he receives, can be found.

Dr. Mitchell introduced information regarding the Banner Document Management System (BDMS). He shared that BDMS is taking the place of IMS which is currently used to track student information.

Dr. Mitchell's mission will be to identify key topics without overwhelming anyone, and helping people in these new positions to put faces to names of the Graduate School personnel and to know where to go for answers to other questions that they may face.

Dr. Mitchell requested that anyone with topics within their departments which need to be addressed, to please contact him directly. He is available to help.

6. **Report of the Graduate Student Association Representative** (John Knox)

Mr. Knox addressed Aspire and SPARC Grant programs and funding possibilities for graduate students. Dr. Elfenbein informed him that the Graduate School does not handle funding for either program; but, he should contact the Office of Research. Dr. Elfenbein offered to point him in the right direction to pursue this endeavor.

Dr. Solomon addressed the previous minutes and the need for the Tuition Recommendations and Fee Descriptions for Active Duty Military Tuition to be updated in the October 22, 2012 minutes.

Dr. Mitchell assured Dr. Solomon that the minutes will be updated per his request by the end of this day.

8. **Report of the Committee on 500/600 Level Courses, Distance Education and Special Courses** (Murray Mitchell)

**DED Approval:**

- **PHYT J 757 Pharmacology for the Physical Therapist** (2)  
  [Effective Term: Spring 2013]

**500-600 Level Course Approvals:**

- **ENHS 515 Intro to Public Health & Emergency Preparedness & Response** (3)  
  [Effective Term: Fall 2013]

- **ENHS 664 Environmental Genomics** (3)  
  [Effective Term: Spring 2013]

- **HPEB 653 Nutrition Assessment and Counseling** (3)  
  [Effective Term: Spring 2013]

- **JOUR 555 Publication Design** (3)  
  [Effective Term: Spring 2013]

- **JOUR 560 Advertising Management**  
  [Effective Term: Fall 2013]

- **HPEB 521 The Total School Health Program** (3)  
  Prerequisites: HPEB 331 or 434, or consent of instructor  
  [Effective Term: Spring 2013]

- **HPEB 555 Managing Stress**  
  [Effective Term: Spring 2013]

9. **Fellowships and Scholarships Committee** (Wayne Carver was absent)

Dr. Elfenbein reported that Dr. Ford is reviewing the Fellowships and Scholarships offered by the Graduate School and will be making modifications to better serve the students and programs at the University of South Carolina. She announced that the changes will be on the revamped Graduate School website by January 1st, 2013.

Dr. Elfenbein reminded the council members that April 12, 2013 is Graduate Student Day.

    (Edward Gatzke)

    **COLLEGE OF ARTS AND SCIENCES**
School of Medicine

New Course Proposal: APPROVED

NPSY 763 LGBT Issues Counseling and Rehabilitation (3)
Contemporary issues related to the provision of effective counseling and rehabilitation services with the lesbian, gay, bisexual, transgendered (LGBT) population. The focus will be on attaining a level of applied knowledge and awareness commensurate with master's level professional practice.

[Effective Term: Spring 2013]

Public Health

New Course Proposal: APPROVED

PUBH 700 Perspectives in Public Health (3)
Seminar-format orientation to history, mission, and core services and disciplines of public health to develop understanding of current public health practice and how many health-related disciplines contribute to achieving public health goals.

[Effective Term: Spring 2013]

Pharmacology, Physiology and Neuroscience

Course Change Proposal: APPROVED

From: PHPH 773 Health Assessment in Anesthesia (3)
Change Credit Hours from fixed to Variable.

Preoperative assessment, intraoperative management and postoperative management of patients receiving anesthesia. Development of cognitive and psychomotor skills needed to perform an advanced health assessment for patients undergoing anesthesia.

To: PHPH 773 Health Assessment in Anesthesia (1-3)
Preoperative assessment, intraoperative management and postoperative management of patients receiving anesthesia. Development of cognitive and psychomotor skills needed to perform an advanced health assessment for patients undergoing anesthesia.

[Effective Term: Spring 2013]

ARNOLD SCHOOL OF PUBLIC HEALTH

Exercise Science

Academic Program Actions/Bulletin Change: APPROVED
Degree Requirements (123 Post Baccalaureate Hours)

Foundational Core (26 Hours)

PHYT 701 - Human Musculoskeletal and Gross Anatomy
PHYT 702 - Musculoskeletal and Gross Anatomy Dissection
EXSC 731 - Mechanisms of Motor Skill Performance.
EXSC 782 - Mechanical Analysis of Motor Skills.
EXSC 780 - Physiology of Exercise.
EXSC 742 - Clinical Exercise Testing.
EXSC 781 - Physiology, Exercise, and Disease.
PHPH 750 - Fundamental Neuroscience I

Clinical Core (62 Hours)

PHYT 750 - Orthopedic Physical Therapy I.
PHYT 720 - Fundamentals of Physical Therapy.
PHYT 751 - Orthopedic Physical Therapy II
PHYT 763 - Modalities: Therapy and Application
PHYT 740 - Professional Issues in Physical Therapy
PHYT 754 - Mobilization and Manipulation
PHYT 756 - Topics in Physical Therapy: ICU, Integumentary, and Women's Health Issues.
PHYT 770 - Acute Care Physical Therapy.
EXSC 710 - Behavioral Aspects of Physical Activity.
PHYT 757 - Topics in Physical Therapy: Pharmacology and Prosthetics
PHYT 759 - Therapeutic Exercise
PHYT 788 - Evidence-Based Practice in Physical Therapy.
EXSC 784 - Cardiovascular/Pulmonary Testing and Programming.
PHYT 806 - Clinical Pathology and Differential Diagnosis.
PHYT 808 - Neural Rehabilitation and Repair
PHYT 809 - Neuromuscular Assessment and Treatment I.
PHYT 815 - Management of Physical Therapy Practice.
PHYT 810 - Neuromuscular Assessment and Treatment II.
PHYT 758 - Patient Education in Physical Therapy.
PHYT 764 - Cultural Competence in Health Care.
PHYT 811 - Pediatrics and Orthotics.

Clinical Experiences (19 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

Research Core (16 Hours)

BIOS 700 - Introduction to Biostatistics
PHYT 753 - Research Proposal Development.
PHYT 785 - Seminar in Physical Therapy.
PHYT 790 - Independent Study.
PHYT 888 - Research Project in Physical Therapy.

Sequence of Study

The DPT program is a lock-step program in which required courses must be taken in sequence, as listed below, unless prior permission to vary the order is received from the program director.

First Year

Fall (16 credit hours total):

PHYT 701 - Human Musculoskeletal and Gross Anatomy
EXSC 731 - Mechanisms of Motor Skill Performance.
EXSC 782 - Mechanical Analysis of Motor Skills.
PHYT 785 - Seminar in Physical Therapy.
BIOS 700 - Introduction to Biostatistics

Spring (16 credit hours total):

PHYT 702 - Musculoskeletal and Gross Anatomy Dissection
PHYT 720 - Fundamentals of Physical Therapy.
PHYT 750 - Orthopedic Physical Therapy I.
PHYT 785 - Seminar in Physical Therapy.
PHYT 759 - Therapeutic Exercise
PHYT 757 - Topics in Physical Therapy: Pharmacology and Prosthetics

Summer I (7 credit hours total):

PHYT 763 - Modalities: Therapy and Application
PHYT 751 - Orthopedic Physical Therapy II

Summer II (5 credit hours total):

PHYT 740 - Professional Issues in Physical Therapy
PHYT 850 - Clinical Experience Physical Therapy I

Second Year

Fall (15 credit hours total):

EXSC 780 - Physiology of Exercise. EXSC 742 - Clinical Exercise Testing. PHPH 750 - Fundamental Neuroscience I PHYT 754 - Mobilization and Manipulation
PHYT 756 - Topics in Physical Therapy: ICU, Integumentary, and Women’s Health Issues.
PHYT 785 - Seminar in Physical Therapy.
PHYT 753 - Research Proposal Development.

Spring (16 credit hours total):


EXSC 710 - Behavioral Aspects of Physical Activity.
EXSC 781 - Physiology, Exercise, and Disease.
PHYT 770 - Acute Care Physical Therapy.
PHYT 788 - Evidence-Based Practice in Physical Therapy.
PHYT 785 - Seminar in Physical Therapy.
PHYT 808 - Neural Rehabilitation and Repair

**Summer I (6 credit hours total):**

EXSC 784 - Cardiovascular/Pulmonary Testing and Programming.
PHYT 809 - Neuromuscular Assessment and Treatment I.

**Summer II (4 credit hours total):**

PHYT 851 - Clinical Experience in Physical Therapy II

**Third Year**

**Fall (14 credit hours total):**

PHYT 758 - Patient Education in Physical Therapy.
PHYT 790 - Independent Study.
PHYT 806 - Clinical Pathology and Differential Diagnosis.
PHYT 810 - Neuromuscular Assessment and Treatment II.
PHYT 815 - Management of Physical Therapy Practice.
PHYT 785 - Seminar in Physical Therapy.

**Spring (9 credit hours total):**

PHYT 852 - Clinical Experience in Physical Therapy III
PHYT 888 - Research Project in Physical Therapy.

**Summer I (6 credit hours total):**

PHYT 764 - Cultural Competence in Health Care.
PHYT 811 - Pediatrics and Orthotics.

**Summer II (if needed; variable credit hours):**

PHYT 888 - Research Project in Physical Therapy.

**Fourth Year**

**Fall (9 hours total):**

PHYT 853 - Clinical Experience in Physical Therapy IV
PHYT 888 - Research Project in Physical Therapy.

To: Doctor of Physical Therapy (124)

**Foundational Core (23 Hours)**

PHYT 701 - Human Musculoskeletal and Gross Anatomy
PHYT 702 - Musculoskeletal and Gross Anatomy Dissection
EXSC 731 - Mechanisms of Motor Skill Performance.
PHYT 782 - Functional Anatomy.
EXSC 780 - Physiology of Exercise.
EXSC 742 - Clinical Exercise Testing.

PHPH 750 - Fundamental Neuroscience I

Clinical Core (66 Hours)

PHYT 750 - Orthopedic Physical Therapy I.
PHYT 720 - Fundamentals of Physical Therapy.
PHYT 751 - Orthopedic Physical Therapy II
PHYT 752 - Advanced Examination Techniques for Orthopedic Physical Therapy
PHYT 763 - Modalities: Therapy and Application
PHYT 740 - Professional Issues in Physical Therapy
PHYT 754 - Mobilization and Manipulation
PHYT 755 - Spinal Manual Therapy
PHYT 756 - Topics in Physical Therapy: ICU, Integumentary, and Women's Health Issues.
PHYT 760 - Orthotics and Prosthetics
PHYT 770 - Acute Care Physical Therapy.
PHYT 757 - Pharmacology for the Physical Therapist
PHYT 759 - Therapeutic Exercise
PHYT 765 - Geriatric Physical Therapy
PHYT 788 - Evidence-Based Practice in Physical Therapy.
EXSC 784 - Cardiovascular/Pulmonary Testing and Programming.
PHYT 806 - Clinical Pathology and Differential Diagnosis.
PHYT 808 - Neural Rehabilitation and Repair
PHYT 809 - Neuromuscular Assessment and Treatment I.
PHYT 815 - Management of Physical Therapy Practice.
PHYT 810 - Neuromuscular Assessment and Treatment II.
PHYT 811 - Pediatric Physical Therapy

Clinical Experiences (19 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

Research Core (16 Hours)

BIOS 700 - Introduction to Biostatistics
PHYT 753 - Research Proposal Development.
PHYT 785 - Seminar in Physical Therapy.
PHYT 790 - Independent Study.
PHYT 888 - Research Project in Physical Therapy.

Sequence of Study

The DPT program is a lock-step program in which required courses must be taken in sequence, as listed below, unless
prior permission to vary the order is received from the program director.

First Year

Fall (16 credit hours total):

PHYT 701 - Human Musculoskeletal and Gross Anatomy
EXSC 731 - Mechanisms of Motor Skill Performance.
**PHYT 782 - Functional Anatomy**
PHYT 785 - Seminar in Physical Therapy.
BIOS 700 - Introduction to Biostatistics

Spring (16 credit hours total):

PHYT 702 - Musculoskeletal and Gross Anatomy Dissection
PHYT 720 - Fundamentals of Physical Therapy.
PHYT 750 - Orthopedic Physical Therapy I.
PHYT 785 - Seminar in Physical Therapy.
PHYT 759 - Therapeutic Exercise
**PHYT 757 - Pharmacology for the Physical Therapist**

Summer I (7 credit hours total):

PHYT 763 - Modalities: Therapy and Application
PHYT 751 - Orthopedic Physical Therapy II

Summer II (6 credit hours total):

PHYT 740 - Professional Issues in Physical Therapy
PHYT 850 - Clinical Experience Physical Therapy I

Second Year

Fall (15 credit hours total):

EXSC 780 - Physiology of Exercise. EXSC 742 - Clinical Exercise Testing. PHPH 750 - Fundamental Neuroscience I PHYT 754 - Mobilization and Manipulation
PHYT 756 - Topics in Physical Therapy: ICU, Integumentary, and Women's Health Issues.
PHYT 785 - Seminar in Physical Therapy.
PHYT 753 - Research Proposal Development.

Spring (16 credit hours total):

**PHYT 765 - Geriatric Physical Therapy.**
**PHYT 760 - Orthotics and Prosthetics**
PHYT 770 - Acute Care Physical Therapy.
PHYT 788 - Evidence-Based Practice in Physical Therapy.
PHYT 785 - Seminar in Physical Therapy.
PHYT 808 - Neural Rehabilitation and Repair
Summer I (6 credit hours total):

EXSC 784 - Cardiovascular/Pulmonary Testing and Programming.
PHYT 809 - Neuromuscular Assessment and Treatment I.

Summer II (4 credit hours total):

PHYT 811 - Pediatric Physical Therapy

Third Year

Fall (14 credit hours total):

PHYT 755 - Spinal Manual Therapy
PHYT 790 - Independent Study.
PHYT 806 - Clinical Pathology and Differential Diagnosis.
PHYT 810 - Neuromuscular Assessment and Treatment II.
PHYT 815 - Management of Physical Therapy Practice.
PHYT 785 - Seminar in Physical Therapy.

Spring (9 credit hours total):

PHYT 852 - Clinical Experience in Physical Therapy III
PHYT 888 - Research Project in Physical Therapy.

Summer I (5 credit hours total):

PHYT 752 - Advanced Examination Techniques for Orthopedic Physical Therapy
PHYT 811 - Pediatric Physical Therapy

Summer II (if needed; variable credit hours):

PHYT 888 - Research Project in Physical Therapy.

Fourth Year

Fall (9 hours total):

PHYT 853 - Clinical Experience in Physical Therapy IV
PHYT 888 - Research Project in Physical Therapy.

New Course Proposal: APPROVED

PHYT 752 Advanced Examination Techniques for Orthopedic Physical Therapy (2)
An advanced course to enhance physical therapy students' knowledge of orthopedic examination tests. Emphasis will be placed on diagnostic accuracy of special tests (sensitivity, specificity, likelihood ratios, reliability and validity), interpretation of the results, and proper execution.
New Course Proposal:  
**PHYT 755 Spinal Manual Therapy** (2)  
Techniques will include spinal mobilization, mobilization with movement, manipulation, muscle energy, taping, soft tissue mobilization and integration of techniques into clinical practice.

[Effective Term: Fall 2013]

New Course Proposal:  
**PHYT 765 Geriatric Physical Therapy** (3)  
Fundamental principles for assessment, treatment and overall foundations of geriatric physical therapy based upon the best available evidence.

[Effective Term: Spring 2013]

Course Change Proposal:  
From: **EXSC 782 Mechanical Analysis of Motor Skills** (4)  
Change Course Title.  
Change Course Designator.  
To: **PHYT 782 Functional Anatomy** (4)
Course Change Proposal/Bulletin Change:  APPROVED

From:  PHYT 811 Pediatrics and Orthotics (3)
Assessment and evaluation of selected pediatric conditions.
Orthotic prescription and evaluation.

To:  PHYT 811 Pediatric Physical Therapy (3)
Assessment and evaluation of selected pediatric conditions.

Course Change Proposal:  APPROVED

From:  PHYT 740 Professional Issues in Physical Therapy (2)
Change Credit Hours to 3 hours.

To:  PHYT 740 Professional Issues in Physical Therapy (3)

Course Change Proposal:  APPROVED

From:  PHYT 758 Patient Education in Physical Therapy (1)
Delete Course.

To:  N/A

Course Change Proposal:  APPROVED

From:  PHYT 764 Cultural Competence in Health Care (3)
Delete Course.

To:  N/A

COLLEGE OF ENGINEERING AND COMPUTING

Academic Program Actions/Bulletin Change:  APPROVED

Master of Science - System Design (30)

Degree Requirements (30 hours)

A total of 30 credit hours are required, with a maximum of 12 credit hours of 500-level courses. Six hours of thesis preparation is required with a final oral examination for thesis defense. The course number for the thesis will be specific to the department in which the research is conducted. Student achievement of program objectives will be assessed based on the successful thesis project and defense.
Course Requirements

Core courses: nine credit hours.
Choose any three from the following courses:
CSCE 716 --Design for Reliability
CSCE 758 --Probabilistic System Analysis
CSCE 512 --System Performance Evaluation
CSCE 563 -- Systems Simulation

Twelve credit hours in a research area which must be directly related to thesis research from the courses listed below.

Three credit hours of complementary coursework must be chosen with advisor's consent.

Required Courses

Available courses are listed below:

Electrical Engineering

ELCT 521: Introduction to Microwaves
ELCT 530 - Industrial Controls
ELCT 531- Digital Control Systems
ELCT 551- Power Systems Design and Analysis
ELCT 553: Electromechanical Energy Conversion
ELCT 561: Advanced Electromagnetics
ELCT 562: Wireless Communications
ELCT 563: Semiconductor Electronic Devices
ELCT 564: RF Circuit Design for Wireless Communications
ELCT 566: Semiconductor Optoelectronics
ELCT 572 - Power Electronics
ELCT 573: High Speed Digital Systems
ELCT 751- Advanced Power Systems Analysis
ELCT 752: Power System Grounding & Transients
ELCT 753: Electrical Drives
ELCT 761: Fundamental Electromagnetics
ELCT 762: Signal Integrity in High Speed Circuits
ELCT 771: Optical Communications: Devices & Systems
ELCT 772: Advanced Power Electronics
ELCT 782: Power Semiconductor Devices
ELCT 837: Modern Control Theory
ELCT 838: Optimal Control & Estimation
ELCT 861: Advances in Electromagnetics
ELCT 862: Antennas & Radiation
ELCT 863: Computational Electromagnetics
ELCT 864: Microwave Devices & Circuits
ELCT 865: Signal Integrity on System Bus Technology
ELCT 883: Power Systems Stability & Control

Computer Science and Engineering

CSCE 512- System Performance Evaluation
CSCE 513: Computer Architecture  
CSCE 516: Computer Networks  
CSCE 520: Database System Design  
CSCE 522: Information Security Principles  
CSCE 561: Numerical Analysis (Cross-listed as MATH 527)  
CSCE 563: Systems Simulation  
CSCE 711: Advanced Operating Systems  
CSCE 713: Advanced Computer Architecture  
CSCE 716: Design for Reliability  
CSCE 717: Computer System Performance and Reliability Analysis  
CSCE 741: Software Process  
CSCE 742: Software Architectures  
CSCE 758: Probabilistic System Analysis  
CSCE 760: Numerical Analysis I  
CSCE 761: Numerical Analysis II (Cross-listed as MATH 727)  
CSCE 846: Software Reliability and Safety  
CSCE 790: Topics in Information Technology

Additional Information

All candidates for a degree in the MS in System Design graduate program must complete a comprehensive assessment that is distinct from program course requirements. A comprehensive assessment requires the student to synthesize and integrate knowledge acquired in coursework and other learning experiences and to apply theory and principles in a situation that approximates some aspect of professional practice or research in the discipline. Students in this program will fulfill the comprehensive assessment requirement by successful completion and defense of the thesis.

[Effective Term: Fall 2013]

COLLEGE OF PHARMACY

Pharmaceutical Sciences

New Course Proposal:  
APPROVED

PHAR 701 Current Topics in Pharmaceutical Sciences (4)
Addresses recent concepts and technology in the pharmaceutical and biomedical sciences. Assists students in interpreting and evaluating published literature; and, understanding and presenting, in oral or written formats, scientific research in the pharmaceutical and biomedical sciences.

[Prerequisites: PHAR 700]

[Effective Term: Spring 2013]
Degree Requirements (60-67 Post Baccalaureate Hours)
The Ph.D. is offered in the following areas of specialization:
In the Department of Pharmaceutical and Biomedical Sciences:
Medicinal Chemistry (Synthetic or Biomedicinal)
Pharmaceutics
Pharmacology

In the Department of Clinical Pharmacy and Outcomes Sciences:
Pharmaceutical and Health Outcomes

The Ph.D. requires a minimum of 60 hours beyond the baccalaureate degree, or a minimum of 30 hours beyond the master's degree as approved by advisement, including at least 12 credit hours of dissertation preparation. The Ph.D. degree requirements include an admission-to-candidacy examination, a comprehensive examination, and a dissertation. Further requirements are listed below for each specialization.

In the Department of Pharmaceutical and Biomedical Sciences:

A research advisor must be chosen by the end of the first year. Admission to candidacy must occur by the end of the second year, and includes the following: 1) Submission of a doctoral program of study form, which is approved by the doctoral thesis committee. Satisfactory completion of all coursework taken in the first two years will be evaluated by the committee. 2) Submission of a written initial research proposal, followed by an oral presentation and defense of the proposal to the thesis committee.

The comprehensive written and oral examination must be completed by the end of the third year. The topic of the research proposal must be in an area outside the student's research dissertation, and approved by the thesis committee.

A written dissertation, along with an oral presentation and defense, is required for the completion of the Ph.D. degree.

In addition to the general requirements listed above, candidates for the Ph.D. degree are required to complete four departmental seminar courses:

PHAR 712A - Seminar in Pharmaceutical Sciences
PHAR 712B - Seminar in Pharmaceutical Sciences
PHAR 712C - Seminar in Pharmaceutical Sciences
PHAR 712D - Seminar in Pharmaceutical Sciences
Additional information:

A maximum of 4 hours credit can be earned for PHAR 712. Further degree requirements for each specialty area are listed below.

Ph.D.–Medicinal Chemistry, (Biomedicinal) option (60 Hours)

Prerequisite Courses

BIOL 460 - See Undergraduate Bulletin for course description.
CHEM 541 - Physical Chemistry
CHEM 542 - Physical Chemistry
CHEM 550 - Biochemistry

Required Courses

BIOL 655 - Biotechnology¹
CHEM 751 - Biosynthesis of Macromolecules¹
CHEM 752 - Regulation and Integration of Metabolism¹
CHEM 753 - Enzymology and Protein Chemistry¹
PHAR 700 - Principles of Pharmacology, Medicinal Chemistry, and Pharmaceutics
PHAR 704 - Advanced Medicinal Chemistry II
PHAR 712A - Seminar in Pharmaceutical Sciences
PHAR 712B - Seminar in Pharmaceutical Sciences
PHAR 712C - Seminar in Pharmaceutical Sciences
PHAR 712D - Seminar in Pharmaceutical Sciences
PHAR 737 - Advanced Pharmacology II

Doctoral Directed Research (20-25 Hours)

PHAR 896 - Doctoral Directed Research²

Dissertation Preparation (12 Hours)

PHAR 899 - Dissertation Preparation

Notes:

¹Other electives may be substituted for this course if approved by the Ph.D. advisory committee, and the Dean of the Graduate School.
²Other didactic electives may be applied toward the total hours of credit required if approved by the Ph.D. advisory committee.

Ph.D.–Medicinal Chemistry, (Synthetic) option (60 Hours)

Prerequisite Courses

BIOL 460 - See Undergraduate Bulletin for course
CHEM 541 - Physical Chemistry
CHEM 542 - Physical Chemistry

Required Courses

CHEM 735 - Structural and Mechanistic Organic Chemistry
CHEM 736 - Mechanistic and Synthetic Organic Chemistry
PHAR 700 - Principles of Pharmacology, Medicinal Chemistry, and Pharmaceutics
PHAR 704 - Advanced Medicinal Chemistry II
PHAR 705 - Advanced Medicinal Chemistry III
PHAR 712A - Seminar in Pharmaceutical Sciences
PHAR 712B - Seminar in Pharmaceutical Sciences
PHAR 712C - Seminar in Pharmaceutical Sciences
PHAR 712D - Seminar in Pharmaceutical Sciences
PHAR 714 - Drug Design by Molecular Modeling and Computational Techniques

Doctoral Directed Research (20-26 Hours)

PHAR 896 - Doctoral Directed Research

Dissertation Preparation (12 Hours)

PHAR 899 - Dissertation Preparation

Note:

1. Other didactic electives may be applied toward the total hours of credit required if approved by the Ph.D. advisory committee.

Ph.D., Pharmaceutics option (60 Hours)

Prerequisite Courses

MATH 141
MATH 142
BIOL 460
See Undergraduate Bulletin for course description.

Required Courses

BIOL 655 - Biotechnology
CHEM 541 - Physical Chemistry
PHAR 700 - Principles of Pharmacology, Medicinal Chemistry, and Pharmaceutics
PHAR 712A - Seminar in Pharmaceutical Sciences
PHAR 712B - Seminar in Pharmaceutical Sciences
PHAR 712C - Seminar in Pharmaceutical Sciences
PHAR 712D - Seminar in Pharmaceutical Sciences
PHAR 720 - Pharmacokinetics
PHAR 726 - Advanced Pharmaceutics II
STAT 515 - Statistical Methods I ³
STAT 516 - Statistical Methods II ³

Doctoral Directed Research (20-25 Hours)

PHAR 896 - Doctoral Directed Research 4

Dissertation Preparation (12 Hours)

PHAR 899 - Dissertation Preparation

Notes:

¹Other courses in biology or chemistry may be substituted for this course if approved by the Ph.D. advisory committee, and the Dean of the Graduate School.
²Other courses in pharmaceutics may be substituted for this course if approved by the Ph.D. advisory committee, and the Dean of the Graduate School.
³Other two-semester sequence courses in statistics or biostatistics may be substituted for this course if approved by the Ph.D. advisory committee, and the Dean of the Graduate School.
⁴Other didactic electives may be applied toward the total hours of credit required if approved by the Ph.D. advisory committee.

Ph.D., Pharmacology option (60 Hours)

Prerequisite Course

BIOL 460 - See Undergraduate Bulletin for course description.

Required Courses

BIOL 655 - Biotechnology ¹
PHAR 700 - Principles of Pharmacology, Medicinal Chemistry, and Pharmaceutics
PHAR 712A - Seminar in Pharmaceutical Sciences
PHAR 712B - Seminar in Pharmaceutical Sciences
PHAR 712C - Seminar in Pharmaceutical Sciences
PHAR 712D - Seminar in Pharmaceutical Sciences
PHAR 736 - Advanced Pharmacology I
PHAR 737 - Advanced Pharmacology II
STAT 515 - Statistical Methods I ²

Doctoral Directed Research (24-27 Hours)

PHAR 896 - Doctoral Directed Research 3

Dissertation Preparation (12 Hours)

PHAR 899 - Dissertation Preparation
Notes:

1. Other electives may be substituted for these courses if approved by the Ph.D. advisory committee, and the Dean of the Graduate School.
2. Other statistics or biostatistics may be substituted for this course if approved by the Ph.D. advisory committee, and the Dean of the Graduate School.
3. Other didactic electives may be applied toward the total hours of credit required if approved by the Ph.D. advisory committee.

Courses for the Pharm.D. and Ph.D. (60 Hours)

In addition to the general requirements listed above, students pursuing the Pharm.D. and Ph.D. concurrently will take elective courses that are approved for graduate credit and fulfill requirements for the Ph.D. program. Electives in the Pharm.D. curriculum: up to nine credit hours can count toward both degrees, with the following stipulations. The student must have completed at least 90 hours of undergraduate course work, have a minimum GPA of 3.40, and have form GS-59 on file in The Graduate School. A grade of B or higher must be earned for the course to count for graduate credit. At least half of the electives must be numbered 700 or above. Courses numbered 500-699 are acceptable only if they have been approved for graduate credit. Graduate courses taught in units other than pharmacy must be approved by the graduate faculty of pharmacy as appropriate for a Ph.D. degree in pharmaceutical sciences. Registration for each course requires approval of the student’s advisor, the chair of the student’s department, the graduate director of the Ph.D. program, and the dean of The Graduate School. Form GS-59A must be processed for each graduate credit course at the time of registration to permit the registrar’s office to properly enroll the student for graduate credit.

Required Courses

PHAR 712A - Seminar in Pharmaceutical Sciences
PHAR 712B - Seminar in Pharmaceutical Sciences
PHAR 712C - Seminar in Pharmaceutical Sciences
PHAR 712D - Seminar in Pharmaceutical Sciences

Notes

Up to three graduate-level courses taken as electives for the Pharm.D., 0-9 hours
Two to five graduate-level courses not taken for the Pharm.D. degree, 7-15 hours

Doctoral Directed Research (up to 29 Hours)
Dissertation Preparation (12 Hours)

PHAR 899 - Dissertation Preparation

Notes:

1. Electives must be approved by the Ph.D. advisory committee as appropriate for one of the following specialty areas.
2. Other didactic electives may be applied toward the total hours of credit if approved by the Ph.D. advisory committee.

In the Department of Clinical Pharmacy and Outcomes Sciences:

Ph.D.–Pharmacy Administration option (55 Hours)

All students must complete 64 to 67 credit hours for the degree. The course requirement includes 55 hours of core courses and 9 to 12 hours of minor cognate courses.¹

Pharmacy Core:

PHAR 711A - Seminar in Pharmaceutical and Health Outcomes Sciences
PHAR 711B - Seminar in Pharmaceutical and Health Outcomes Sciences
PHAR 711C - Seminar in Pharmaceutical and Health Outcomes Sciences
PHAR 711D - Seminar in Pharmaceutical and Health Outcomes Sciences
PHAR 740 - Socio-Economics of Pharmacy Practice
PHAR 741 - Pharmaceutical Outcomes Database Development
PHAR 742 - Research Methods in Pharmaceutical and Health Outcomes Sciences
PHAR 748 - Principles of Pharmacoeconomics

Dissertation Preparation (12 Hours)

PHAR 899 - Dissertation Preparation

Business Core:

ECON 728 - Applied Microeconomics
MKTG 701 - Marketing Management
ACCT 728 - Financial Accounting
ACCT 729 - Managerial Accounting

Analytic Core:

STAT 515 - Statistical Methods I
STAT 516 - Statistical Methods II
Notes:

1. Students must also take 12 hours* of minor cognate courses in one of the following areas: marketing, public policy, economics, or epidemiology. Examples of courses that will satisfy the minor cognate requirement include:
   - Marketing: MKTG 702, 704, etc.
   - Public Policy: POLI 706, 757, etc.
   - Economics: ECON 594, 740, etc.
   - Epidemiology: 701, 741, etc.
2. *3 credit hours from the common core required courses may be applied if the course is in the student’s chosen area of concentration.
3. HADM 846 is an acceptable substitute.

Total 64-67 hrs.

To: Pharmaceutical Sciences PhD (60 - 67)

Degree Requirements (60-67 Post Baccalaureate Hours)
The Ph.D. is offered in the following areas of specialization:
In the Department of Drug Discovery and Biomedical Sciences: Pharmaceutical Sciences

In the Department of Clinical Pharmacy and Outcomes Sciences: Pharmaceutical and Health Outcomes

The PhD requires a minimum of 60 hours beyond the baccalaureate degree, or a minimum of 30 hours beyond the master's degree as approved by advisement, including at least 12 credit hours of dissertation preparation. The PhD degree requirements include an admission-to-candidacy examination, a comprehensive examination, and a dissertation.

In the Department of Drug Discovery and Biomedical Sciences:

1. A research advisor must be chosen by the end of the first year.

2. Admission to candidacy must occur by the end of the second year, and includes the following:
   a) Submission of a doctoral program of study form, which is approved by the doctoral thesis committee. Satisfactory completion of all coursework taken in the first two years will be evaluated by the committee.
b) Submission of a written initial research proposal, followed by an oral presentation and defense of the proposal to the thesis committee.

3. The comprehensive written and oral examination must be completed by the end of the third year.

4. A written dissertation, along with an oral presentation and defense, is required for the completion of the Ph.D. degree.

In addition to the general requirements listed above, candidates for the Ph.D. degree are required to complete four departmental seminar courses:

**PhD Pharmaceutical Sciences (60 Hours)**

Required Courses

- PHAR 700 - Principles of Pharmacology, Medicinal chemistry, and Pharmaceutics - 4 hours
- PHAR 701 - Current Topics in Pharmaceutical Sciences - 4 hours
- PHAR 712B - Seminar in Pharmaceutical Sciences - 1 hour
- PHAR 712C - Seminar in Pharmaceutical Sciences - 1 hour
- PHAR 712D - Seminar in Pharmaceutical Sciences - 1 hour
- ELECTIVE - 12 hours of electives

**Doctoral Directed Research (24 Hours)**

- PHAR 896 - Doctoral Directed Research

**Dissertation Preparation (12 Hours)**

- PHAR 899 - Dissertation Preparation

A maximum of 4 hours credit can be earned for PHAR 712.

Electives will be chosen based on the needs of the graduate student. Areas of emphasis include Biomedicinal Chemistry, Synthetic Medicinal Chemistry, Pharmaceutics, and Pharmacology. Electives will be chosen based on the area of emphasis and must be approved by the PhD advisory committee and the Graduate Program Director. Electives must be 700 level and above, or any course approved by the Graduate School for Graduate Credit.

Other didactic electives may be applied toward the total hours of credit required if approved by the PhD advisory committee.

**Courses for the PharmD and PhD (60 Hours)**

In addition to the general requirements listed above, students pursuing the PharmD and PhD concurrently will take elective courses that are approved for graduate credit and fulfill
requirements for the PhD program. Electives in the PharmD curriculum; up to nine credit hours can count toward both degrees, with the following stipulations. The student must have completed at least 90 hours of undergraduate course work, have a minimum GPA of 3.40, and have a form GS-59 on file in The Graduate School. A grade of B or higher must be earned for the course to count for graduate credit. Graduate courses taught in units other than pharmacy must be approved by the graduate faculty of pharmacy as appropriate for a PhD degree in pharmaceutical sciences. Registration for each course requires approval of the student's advisor, the chair of the student's department, the graduate director of the PhD program, and the dean of The Graduate School. Form GS-59A must be processed for each graduate credit course at the time of registration to permit the registrar's office to properly enroll the student for graduate credit.

Required Courses

PHAR 712A - Seminar in Pharmaceutical Sciences
PHAR 712B - Seminar in Pharmaceutical Sciences
PHAR 712C - Seminar in Pharmaceutical Sciences
PHAR 712D - Seminar in Pharmaceutical Sciences

Notes

Up to three graduate-level courses taken as electives for the PharmD, 0-9 hours
Two to five graduate-level courses not taken for the PharmD degree, 7-15 hours

Doctoral Directed Research (up to 29 Hours)

PHAR 896 - Doctoral Directed Research

Dissertation Preparation (12 Hours)

PHAR 899 - Dissertation Preparation

Notes:

Electives must be approved by the PhD advisory committee as appropriate for one of the following specialty areas.

Other didactic electives may be applied toward the total hours of credit if approved by the PhD advisory committee.

In the Department of Clinical Pharmacy and Outcomes Sciences:

PhD-Pharmaceutical and Health Outcomes Sciences (55 Hours)
All students must complete 64 to 67 credit hours for the degree. The course requirement includes 55 hours of core courses and 9 to 12 hours of minor cognate courses.

**Pharmacy Core:**

PHAR 711A - Seminar in Pharmaceutical and Health Outcomes Sciences  
PHAR 711B - Seminar in Pharmaceutical and Health Outcomes Sciences  
PHAR 711C - Seminar in Pharmaceutical and Health Outcomes Sciences  
PHAR 711D - Seminar in Pharmaceutical and Health Outcomes Sciences  
PHAR 740 - Socio-Economics of Pharmacy Practice  
PHAR 741 - Pharmaceutical Outcomes Database Development  
PHAR 742 - Research Methods in Pharmaceutical and Health Outcomes Sciences  
PHAR 748 - Principles of Pharmacoeconomics

**Dissertation Preparation (12 Hours)**

PHAR 899 - Dissertation Preparation

**Business Core:**

ECON 728 - Applied Microeconomics  
MKTG 701 - Marketing Management  
ACCT 728 - Financial Accounting  
ACCT 729 - Managerial Accounting

**Analytic Core:**

STAT 515 - Statistical Methods I  
STAT 516 - Statistical Methods II  
ACCT 728 - Financial Accounting  
ACCT 729 - Managerial Accounting

**Notes:**

Students must also take 12 hours of minor cognate courses in one of the following areas: marketing, public policy, economics, or epidemiology. Examples of courses that will satisfy the minor cognate requirement include:

Marketing: MKTG 702, 704, etc.  
Public Policy: POLI 706, 757, etc.  
Economics: ECON 594, 740, etc.  
Epidemiology: 701, 741, etc.

*3 credit hours from the common core required courses may be applied if the course is the chosen area of concentration.

HADM 846 is an acceptable substitute.
Total 64-67 hrs.

[Effective Term: Spring 2013]

Course Change Proposal: APPROVED

From: PHAR 735 Cancer: Causes, Treatment and Prevention (2)
Traditional Delivery

To: PHAR 735 Cancer: Causes, Treatment and Prevention (2)

Add Delivery Method to Traditional and Distance Education.

[Cross-listed Course: PHAR 717]

[Effective Term: Spring 2013]


COLLEGE OF ARTS AND SCIENCES

Social Work

Academic Program Actions/Bulletin Change: APPROVED

From: Masters of Social Work (60)
Delete 38-month part-time extended plan of study:

Part-Time Extended Curriculum (38 Months)
Students who pursue the entire M.S.W. program (60 hours) on a part-time basis will take courses according to the following schedule. Students have a choice of taking required courses on Saturdays or weekdays.

First Year
Summer I:
SOWK 712 - Human Behavior and the Social Environment I *
Summer II:
SOWK 791 - Social Work Research Methodologies *
Fall:
SOWK 741 - Social Welfare Problems and Policies *
Elective
Spring:
SOWK 742 - Social Welfare Policy Analysis **
Elective
Note

*Course offered through Distance Education
**Saturdays

Second Year

Summer I:
SOW K 716 - Human Behavior and the Social Environment II *

Summer II:
SOW K 732 - Social Work Practice with Organizations and Communities

Fall:
SOW K 722 - Social Work Practice with Individuals and Families
SOW K 781 - Field Instruction I: Generalist Social Work Practice (field placement two days a week)

Spring:
SOW K 710 - Foundations of Social Work Practice in Groups
SOW K 782 - Field Instruction II: Generalist Social Work Practice (field placement two days a week)

Note

* Course offered through Distance Education

Third Year

Advanced Social Work Practice with Individuals, Families & Groups Concentration

Summer I:
SOW K 726 - Supervision and Case Consultation

Summer II:
SOW K 792 - Evaluation of Social Work Practice

Or

Advanced Social Work Practice with Organizations & Communities Concentration

Summer I:
SOWK 733 - Advanced Social Work Practice with Organizations and Communities: Administrative Skills

Summer II:

SOWK 793 - Evaluation of Social Work Programs

Advanced Social Work Practice with Individuals, Families & Groups Concentration

Fall:

SOWK 723 - Advanced Social Work Practice with Individuals

SOWK 724 - Advanced Social Work Practice with Groups
SOWK 783 - Field Instruction III: Social Work Practice with Individuals, Families, and Groups (field placement 12 hours a week)

Or

Advanced Social Work Practice with Organizations & Communities Concentration

Fall:

SOWK 734 - Advanced Social Work Practice with Organizations and Communities: Community Social Work

SOWK 735 - Advanced Social Work Practice with Organizations and Communities: Social Planning.

SOWK 785 - Field Instruction III: Social Work Practice with Organizations and Communities (field placement 12 hours a week)

Advanced Social Work Practice with Individuals, Families & Groups Concentration

Spring:

SOWK 718 - Systems Analysis of Social Work Practice

SOWK 725 - Advanced Social Work Practice with Families

SOWK 784 - Field Instruction IV: Social Work Practice with Individuals, Families, and Groups (field placement 12 hours a week, completed in the summer 8 hours a week)

Or

Advanced Social Work Practice with Organizations & Communities Concentration
Spring:

SOWK 718 - Systems Analysis of Social Work Practice

SOWK 736 - Advanced Practice with Organizations and Communities: Resource Development, Management, and Accountability

SOWK 786 - Field Instruction IV: Social Work Practice with Organizations and Communities (field placement 12 hours a week, completed in the summer 8 hours a week)

To: Masters of Social Work (60)

No Replacement Language.

[Effective Term: Spring 2013]

[Effective Termination Admitting Students: Spring 2013]

[Effective Termination Conferring Students: Summer II 2015]

**Psychology**

**Course Change Proposal:** APPROVED

From: PSYC 784 Clinical Health Psychology Practicum (3)
Credit Hours: 3

To: PSYC 784 Clinical Health Psychology Practicum (1, 2, or 3)
Credit Hours: 1, 2, or 3

[Effective Term: Fall 2013]

**New Course Proposal:** APPROVED

**PSYC 749 Social Inequality and Psychology** (3) Fundamental, conceptual and empirical knowledge regarding dimensions of diversity, social inequality and the application of this knowledge to psychological research, teaching and practice.

[Restrictions: Psychology Students]

[Excluded: Non-Psychology students need instructor permission to register]

[Special Permissions: Instructor]

[Effective Term: Spring 2013]

**Academic Actions Proposal:** APPROVED

From: Clinical-Community Psychology Master of Arts (40)
Degree Requirements (40 Hours)
Required courses for the Masters Degree include:

Research Methods and Statistics (9 Hours)

PSYC 709 - Basic Quantitative Methods in the Analysis of Behavioral Data I
PSYC 710 - Basic Quantitative Methods in the Analysis of Behavioral Data II
PSYC 772 - Research Approaches to Human Behavior

Core General Psychology Courses (12 Hours)

The first two courses are required:

PSYC 726 - Lifespan Psychopathology and Resilience
PSYC 727 - Foundations of Community Psychology

Additional Courses

Students must take 6 credit hours of any of the following for the MA degree

PSYC 702A - Basics of Neuroscience
PSYC 702B - Basics of Cognitive Psychology
PSYC 702C - Basics of Developmental Psychology
PSYC 702D - Basics of Learning and Motivation
PSYC 703A - Integration across Cognitive Psychology and Neuroscience
PSYC 703B - Integration across Developmental Psychology, Cognitive Psychology, and Neuroscience.
PSYC 703C - Integration across Developmental and Cognitive Psychology
PSYC 703D - Integration across Areas of Psychology
PSYC 751 - Race, Class, Gender, and Sexuality
PSYC 770 - Survey of Social Psychology

Foundations of Clinical Psychology (6 Hours)

PSYC 761 - Psychological Assessment I
PSYC 762 - Psychological Assessment II

Research Leading to Thesis (8 Hours)

PSYC 773 - Research in Clinical-Community Psychology
PSYC 799 - Thesis Preparation

Electives (5 Hours)

5 hours (other Psyc courses 700 and higher or non-Psyc courses 500 and higher)

To: Clinical-Community Psychology Masters of Arts (40)
Degree Requirements (40 Hours)
Required courses for the Masters Degree include:

Research Methods and Statistics (9 Hours)

PSYC 709 - Basic Quantitative Methods in the Analysis of Behavioral Data I
PSYC 710 - Basic Quantitative Methods in the Analysis of Behavioral Data II
PSYC 772 - Research Approaches to Human Behavior

Core General Psychology Courses (12 Hours)
The first **three** courses are required:

PSYC 726 - Lifespan Psychopathology and Resilience
PSYC 727 - Foundations of Community Psychology
**PSYC 749 - Social Inequality and Psychology**

Additional Courses
Students must take **3** credit hours of any of the following for the MA degree

PSYC 702A - Basics of Neuroscience
PSYC 702B - Basics of Cognitive Psychology
PSYC 702C - Basics of Developmental Psychology
PSYC 702D - Basics of Learning and Motivation
PSYC 703A - Integration across Cognitive Psychology and Neuroscience
PSYC 703B - Integration across Developmental Psychology, Cognitive Psychology, and Neuroscience.
PSYC 703C - Integration across Developmental and Cognitive Psychology
PSYC 703D - Integration across Areas of Psychology
PSYC 751 - Race, Class, Gender, and Sexuality
PSYC 770 - Survey of Social Psychology

Foundations of Clinical Psychology (6 Hours)

PSYC 761 - Psychological Assessment I
PSYC 762 - Psychological Assessment II

Research Leading to Thesis (8 Hours)

PSYC 773 - Research in Clinical-Community Psychology
PSYC 799 - Thesis Preparation

Electives (5 Hours)

5 hours (other Psyc courses 700 and higher or non-Psyc courses 500 and higher)

[Effective Term: Spring 2013]
Course Change Proposal:  

From: **Clinical-Community Psychology, PhD (88)**

Degree Requirements (88 Hours)

A minimum of 76 credit hours of course and practica work and 12 hours of dissertation work (PSYC 899) are required beyond the baccalaureate degree. Course work includes 19 hours of core psychology courses plus 8 hours of research courses, 20 hours of specialty content courses, 20 hours of specialty practica within the program area, and 9 hours of electives.

The Ph.D. degree in clinical-community psychology also requires successful completion of qualifying requirements, a general comprehensive examination (comprehensive paper), a specialty comprehensive examination (either in clinical or community), an oral comprehensive examination, and a predoctoral research apprenticeship.

Also required are an approved Ph.D. dissertation, and a one-year, predoctoral, full-time internship. Most students obtain an APA-approved (or approval-seeking) internship. Students have the option of declaring a concentration in Quantitative Methods in Psychology. Concentration requirements are: a. Must be accepted to a University of South Carolina Psychology Department Doctoral Program (Clinical-Community, School, or Experimental) b. Make a B or better in four courses (12 hours) that have 710 as a pre-requisite (i.e., advanced quantitative courses.) 709/710 do not court, nor do assessment or methods classes. Courses must be at the 700 level or higher. c. Two of the four courses (6 hours) are required to be taught in the department d. The third and fourth courses can optionally be taught in another department contingent upon approval from the Concentration Program Director.

The sequence of events and more details concerning specific aspects (including the required concurrent master's degree) are in the current Clinical-Community Psychology Doctoral Program Graduate Student Handbook, provided to all incoming students.

To: **Clinical-Community Psychology PhD (91)**

Degree Requirements (91 Hours)

A minimum of **79** credit hours of course and practica work and 12 hours of dissertation work (PSYC 899) are required beyond the baccalaureate degree. Course work is distributed across five categories with a minimum number of credits in each category.
Core Psychology Courses (21 hours)

Quantitative methods and research design: 6 hours  
Psychometrics and psychological testing: 3 hours  
Biological bases of behavior: 2 hours  
Learning or cognitive bases of behavior: 2 hours  
Social bases of behavior: 3 hours  
Developmental bases of behavior: 2 hours  
PSYC 749: 12 hours  

Research courses (25 hours)

Research methods course: 3 hours  
Individual research apprenticeship first year: 2 hours  
Thesis preparation second year: 6 hours  
Advanced individual apprenticeship third year: 2 hours  
PSYC 899: 12 hours  

Specialty content courses (16 hours)

Psychological interventions: 3 hours  
Lifespan psychopathology and resilience: 3 hours  
Foundations of community psychology: 3 hours  
Seminar in community psychology: 3 hours  
Ethics and issues in clinical-community psychology: 4 hours  

Specialty practicum courses (14 hours)

Psychological assessment: 4 hours  
Intervention practica: 10 hours  

Electives (15 hours)

Psychology courses numbered 700+ (500+ for other departments)  

The Ph.D. degree in clinical-community psychology also requires successful completion of qualifying requirements, a general comprehensive examination (comprehensive paper), a specialty comprehensive examination (either in clinical or community), an oral comprehensive examination, and a predoctoral research apprenticeship.  

Also required are an approved Ph.D. dissertation, and a one-year, predoctoral, full-time internship. Most students obtain an APA-approved (or approval-seeking) internship. Students have the option of declaring a concentration in Quantitative Methods in Psychology. Concentration requirements are: a. Must be accepted to a University of South Carolina Psychology Department Doctoral Program (Clinical-Community, School, or Experimental) b. Make a B or better in four courses (12 hours) that have 710 as a pre-requisite (i.e., advanced quantitative courses.) 709/710 do not court, nor do assessment or methods classes. Courses must be at the 700
level or higher. c. Two of the four courses (6 hours) are required to be taught in the department. d. The third and fourth courses can optionally be taught in another department contingent upon approval from the Concentration Program Director.

The sequence of events and more details concerning specific aspects (including the required concurrent master's degree) are in the current Clinical-Community Psychology Doctoral Program Graduate Student Handbook, provided to all incoming students.

[Effective Term: Spring 2013]

**School of Library and Information Science**

**New Course Proposal:**  
APPROVED

**SLIS 717 Special Collections Librarianship** (3)  
Introduction to the missions, professional standards and best practices of special collections librarianships. Topics include access and acquisitions, collection assessment and development, collection management and maintenance, donor relations, public programming and current issues and trends.

[Enrollment Restriction: SLIS graduate students or permission of instructor]

[Effective Term: Spring 2013]

**Course Change Proposal:**  
APPROVED

From: **SLIS 761 Information Technologies in the School Library Media Program** (3)  
Change Course Title

[Prerequisites/Corequisites: SLIS 706]

To: **SLIS 761 Information Technologies in the School Library Program** (3)

[Prerequisites/Corequisites: SLIS 706]

[Effective Term: Fall 2013]

**Course Change Proposal:**  
APPROVED

From: **SLIS 720 School Library Media Program Development** (3)  
Change Course Title

[Prerequisites/Corequisites: Special Permission Required]

To: **SLIS 720 School Library Program Development** (3)
Course Change Proposal: APPROVED

From: SLIS 742 Curricular Role of the School Library Media Specialist (3)
Change Course Title

[Prerequisites/Corequisites: SLIS 701, SLIS 706, educ courses required for initial certification]

To: SLIS 742 Curricular Role of the School Librarian (3)

[Prerequisites/Corequisites: SLIS 701, SLIS 706, EDUC courses required for initial certification]

School of Music

Academic Program Actions: APPROVED

From: All Master in Music Individual Programs listed below:

Master of Music, Piano Pedagogy (32)
Termination of Major

Master of Music, Opera Theatre (32)
Termination of Major

Master in Music, Music History (32)
Termination of Major

Master of Music, Music Composition (32)
Termination of Major

Master of Music, Jazz Studies (32)
Termination of Major

Master in Music, Conducting (32)
Termination of Major

To: Master of Music (32)
Degree Requirements (32 hours)

Master of Music with concentrations in composition, conducting, jazz studies, music history, opera theatre, and piano pedagogy.

Courses required for all Master of Music students:

¥ MUSC 707 - Music Bibliography and Research (2 hours)
Advisor-approved course in Music History (3 hours)
Advisor-approved course in Music Theory (3 hours)

**Composition concentration requirements:**

Major Area (11-12 hours)

- MUSC 716 - Composition (8-9 hours)
- MUSC 799 - Thesis Preparation (3 hours)

Other Studies in Music (12-13 hours)

- Advisor-approved course in Music Technology (3 hours)
- Advisor-approved music courses (9-10 hours)

**Conducting concentration requirements:**

Major Area (16 hours)

- MUSC 711 - Graduate Applied Music (6-9 hours)
- MUSC 796 - Solo Recital (1 hour)

6-9 hours selected from:

- Literature
- Pedagogy
- Score-reading

Other Studies in Music (8 hours)

- Advisor-approved Music History courses (3 hours)
- Advisor-approved Music Theory courses (3 hours)
- MUSC 734 - Ensemble (2 hours)

**Jazz Studies concentration requirements:**

Major Area (20 hours)

Courses selected from: (9 hours)

- MUSC 524 - Jazz MIDI Lab
- MUSC 713 - Advanced Jazz Theory
- MUSC 714 - Advanced Jazz Arranging
- MUSC 786 - Advanced Jazz Improvisation

Choose one of the following tracks: (11 hours)

**Composition Track**

- Jazz Composition (8 hours)
- Non-jazz Composition (2 hours)
- MUSC 790 - Composition Recital (1 hour)

**Performance Track**
MUSC 711 - Graduate Applied Music (8 hours)
MUSC 796 - Solo Recital (1 hour)
MUSC 735 - Chamber Music (2 hours)

Other Studies in Music (4 hours)
MUSC 734 - Ensemble (2 hours)
Advisor-approved music courses (2 hours)

Music History concentration requirements:

Major Area (12 hours)
Music History courses (9 hours) Thesis (3 hours)
MUSC 799 - Thesis Preparation

Other Studies in Music (12 hours)
MUSC 747 - Advanced Music Research (2 hours)
Advisor-approved course in Music Theory (3 hours)
Advisor-approved music courses (4 hours)
Advisor-approved non-music elective (3 hours)

Opera Theatre concentration requirements:

Major Area (12-15 hours)
Select one of the following tracks:
Performance Track
MUSC 711 - Graduate Applied Music (6 hours)
MUSC 780 - Opera Theater (2 hours)
MUSC 545 - Survey of the Opera (3 hours)
MUSC 781 - Role Preparation (2 hours)
MUSC 778 - Advanced Diction (2 hours)

Directing Track
MUSC 511 or MUSC 711 (3 hours)
MUSC 780 - Opera Theater (2 hours)
MUSC 545 - Survey of the Opera (3 hours)
MUSC 782 - Opera Production (4 hours)

Other Studies in Music (9-12 hours)
MUSC 581 - The Alexander Technique
Advisor-approved courses from Theatre
Advisor-approved courses from Dance

Piano Pedagogy concentration requirements:

Major Area (19-21 hours)
¥ Piano Pedagogy (9 hours)
¥ Piano Literature or pedagogy (3 hours)

Recital Track
¥ MUSC 711 - Graduate Applied Music (6 hours)
¥ MUSC 796 - Solo Recital (1 hours)

Thesis Track
¥ MUSC 711 - Graduate Applied Music (4 hours)
¥ MUSC 799 - Thesis Preparation (3 hours)
¥ MUSC 747 - Advanced Music Research (2 hours)

Other Studies in Music (3-5 hours)
¥ Advisor-approved music courses

[Program Terminations/Admitting: May Session 2013]

[Program Terminations/Conferring: Fall 2015]

[Effective Term: Fall 2013]

English

**Academic Program Actions/Bulletin Change:** APPROVED

From: *English Creative Writing MFA* (45)

Change name of area of emphasis from:
"Writing for the Media"

Degree Requirements (45 Hours)

The student must choose one of three options within the program: poetry, fiction, or writing for the media. In addition to all the basic requirements for admission to the graduate English program, applicants must submit a writing sample in the genre that they wish to pursue (25 pages of fiction or writing for the media; at least 12 poems).

Requirements include:

15 hours of workshop courses
6 hours in theory (three of these hours may be in the theory and teaching of composition, exclusive of *ENGL 701A* and *ENGL 701B*)

9 hours in literature

9 hours of approved electives

Thesis, *ENGL 799* (6 hours)

A three-hour written comprehensive examination in the history and practice of the student’s genre
A thesis, which will be a book-length work (a novel, a collection of short stories, a group of poems, or a piece of writing for the visual media) of a quality that compares favorably with work being published by university presses and commercial publishers

An oral examination on the thesis

A reading knowledge of one foreign language

To: English Creative Writing MFA (45)
Change name of area of emphasis to: "Creative Non-Fiction"

Degree Requirements (45 Hours)

The student must choose one of three options within the program: poetry, fiction, or creative nonfiction. In addition to all the basic requirements for admission to the graduate English program, applicants must submit a writing sample in the genre that they wish to pursue (25 pages of fiction or creative nonfiction; at least 12 poems).

Requirements include:

15 hours of workshop courses
6 hours in theory (three of these hours may be in the theory and teaching of composition, exclusive of ENGL 701A and ENGL 701B)

9 hours in literature

9 hours of approved electives

Thesis, ENGL 799 (6 hours)

A three-hour written comprehensive examination in the history and practice of the student’s genre

A thesis, which will be a book-length work (a novel, a collection of short stories, a group of poems, or a work of creative nonfiction) of a quality that compares favorably with work being published by university presses and commercial publishers

An oral examination on the thesis

A reading knowledge of one foreign language

[Effective Term: Spring 2013]
Languages, Literatures and Cultures

New Course Proposal: APPROVED

GERM 711 Old Germanic Languages (3)
Reading and translation of texts in one of the Old Germanic languages: Old High German (H), Old Saxon (S), Old Norse (N), or Gothic (G). May be repeated for credit with a different letter suffix from options noted above. Reading knowledge of Modern German required.

[Effective Term: Spring 2013]

COLLEGE OF EDUCATION

Instruction and Teacher Education

Course Change Proposal: APPROVED

From: EDTE J 779 Multicultural Issues of Education (3)
Change Course Title

To: EDTE J 779 Equity Pedagogies in Teacher Education (3)

[Effective Term: Fall 2012]

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

No report

13. Other Committee Reports

No report

14. Old Business

No report

15. New Business

Dr. Gatzke requested that we address three proposals received by The Graduate School after the November 1st, 2012 deadline in lieu of meeting in December. This proposal was declined to provide the committee charged with considering the proposals time to review these submissions.

16. Good of the Order
17. **Adjournment**

The meeting adjourned at 3:25 p.m.

Murray Mitchell, Secretary

cc:
President Harris Pastides
Vice Provost & Dean of Graduate Studies Lacy Ford
Provost Michael Amiridis
Deans
Department Chairs
Graduate Directors
Aaron Marterer, University Registrar
Jodie Morris, Office of the Registrar
Andrew Graves, Office of the Registrar
Nancy Floyd, Office of Institutional Assessment and Compliance