Dear Colleagues:

Attached for consideration at the September 29, 2006, Full UCC meeting is a request from the College of Pharmacy for an Area of Emphasis in Pharmaceutical and Biomedical Sciences within the major in Pharmacy under the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) degrees.

Sincerely,

Dr. William K. Vencill, Chair
University Curriculum Committee

cc: Dr. Arnett C. Mace, Jr.
Dr. Delmer D. Dunn
Proposal for Area of Emphasis

School/College: Pharmacy
Department/Division: Pharmaceutical and Biomedical Sciences
Major: Pharmacy

Area of Emphasis Requirements: See Next Page

Area of Emphasis Title: Pharmaceutical and Biomedical Sciences

Proposed Starting Date: Fall 2006

Area of Emphasis Description: Area of Emphasis will require a demonstration of proficiency in three of the major areas in the Pharmaceutical and Biomedical Sciences. These areas are covered by courses in Biochemistry, Anatomy and Physiology, Pathophysiology, Pharmacology, Toxicology, Pharmaceutics and Medicinal Chemistry.

Justification: Graduate students in the College of Pharmacy currently have their degree listed as pharmacy on their transcript. There are four distinct graduate programs within the College of Pharmacy however, only one of these is contained in the Department of Pharmaceutical and Biomedical Sciences. In order to establish a more recognizable program identity, the Department of Pharmaceutical Sciences proposes to add this area of emphasis for all of its graduate students. The area of emphasis would then make it clearer, on the student’s transcript, in which graduate program the student had received their training.

Signatures:

[Signatures of Department Head, School/College Curriculum Committee Head, Dean of Graduate School, University Curriculum Committee Chair]
Area of Emphasis Requirements

Select four courses from the following list:

Two courses from one area and two more courses from two different areas

BCMB 6010 - Biochemistry and Molecular Biology I
BCMB 6020 - Biochemistry and Molecular Biology II
BCMB 6120 - Human Biochemistry and Disease
PHRM 6400 - Anatomy & Physiology I
PHRM 6500 - Anatomy & Physiology II
PHRM 6470 - Pathophysiology I
PHRM 6480 - Pathophysiology II
PHRM 6410 - Pharmacology I
PHRM 6410 - Pharmacology II
PHRM 6910 - Introduction to Toxicology
PHRM 6200 - Pharmaceutics I
PHRM 6210 - Pharmaceutics II
PHRM 7260 - Pharmacokinetics
PHRM 6050 - Medicinal Chemistry I
PHRM 6060 - Medicinal Chemistry II
PHRM 6180 - Infectious Diseases
PHRM 6190 - Cancer Chemotherapy

M.S. Degree Requirements

1. Complete Area of Emphasis by taking four courses from the list above.
2. 2 credit hours - PHRM 8200 - Departmental Seminar
3. 18 credit hours at the graduate level approved by the students’ thesis committee. These hours may include the Area of Emphasis courses.
4. 3 credit hours - PHRM 7300 - M.S. Thesis
5. 6 credit hours - PHRM 7000 - M.S. Research
6. Successful Defense of M.S. Thesis

Ph.D. Degree Requirements

1. Complete Area of Emphasis by taking four courses from the list above.
2. 2 credit hours - PHRM 8200 - Departmental Seminar
3. 18 credit hours at the 8000 level approved by the students’ dissertation committee. These hours may not include the Area of Emphasis courses.
4. 3 credit hours - PHRM 9300 - Ph.D. Dissertation
5. 6 credit hours - PHRM 9000 - Ph.D. Research