



UNIVERSITY OF KENTUCKY

TRANSMITTAL

DATE: March 18, 2003

TO: Angel Clark
Senate Council

FROM: Lissa Holland
Graduate Council

Research and Graduate Studies

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The Graduate Council met on March 13, 2003, and approved the following:

COLLEGE OF MEDICINE

Physiology

NEW COURSE:

PGY 611 – Advanced Medical Physiology (6 credits)

A comprehensive physiology course examining the systems, cellular and molecular basis of clinical physiology. **Prerequisites:** Second year graduate standing and completion of IBS 606.

16 Further description of PGY611:

This class is designed to provide our physiology graduate students with in-depth training in physiological systems in a clinically relevant context. It will also provide them with the unique experience of interacting with medical and dental students in a medical level physiology course. The information contained in this course and the work expectations are well beyond the PGY 502 Graduate Physiology course which we teach for other programs. With the change to the Integrated Biomedical Science Program, our students have only an introduction to physiological principles in IBS 606. They require a more intensive physiology survey course and we believe that the best opportunity for them is to participate in the in-depth Human Function course which we teach in May and June for the medical and dental students. This class meets for about 3 hours a day. The practical advantages for our students include an introduction to the unique training and clinical applications/correlations that are part of a medical physiology class.

Because of the timing of this course which is dictated by the medical and dental school curricula, we propose that the students register for this course in the spring semester of their second year with grades being assigned as soon as the course is completed. This course typically begins during finals week and it is expected that they will register for some additional courses during the spring semester. In addition to the fact that graduate students cannot register for a professional course, this new course will allow us to require two additional things from the graduate students. First, the graduate students will be expected to participate in all aspects of the medical class, plus they will have an extra discussion session each week to clarify their comprehension of basic principles. Second, evaluation of the graduate students will include all of the quizzes and exams, plus an additional essay exam. This exam will allow assessment of the ability of the graduate students to synthesize the material in the course and use it to solve problems.

A course description for the upcoming year graduate level class and a class schedule from the previous year are attached.