

UNIVERSITY OF KENTUCKY
APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR

1. Submitted by College of Health Sciences Date 11/23/05
Department/Division offering course: Clinical Nutrition
2. Changes proposed:
- (a) Present prefix & number CNU 802 Proposed prefix & number CNU 602
- (b) Present Title Applied Nutrition for the MD
New Title Applied Nutrition and Disease Prevention
- (c) If course title is changed and exceeds 24 characters (Including spaces), include a sensible title (not to exceed 24 characters) for use on transcripts:

- (d) Present credits: 2 Proposed credits: 2
- (e) Current lecture: 2 hours/week Proposed: 1 hour/week plus research paper
- (f) Effective Date of Change: (Semester & Year) Summer-2006

3. To be Cross-listed as: _____
Prefix and Number _____ Signature: Department Chair
4. Proposed change in Bulletin description:
- (a) Present description (including prerequisite(s))
This course is designed to give the medical student an understanding of the basic principles of normal nutrition and medical nutrition therapy during the course of health and disease. Areas to be covered include: general principles of macro- and micronutrients; the Recommended Dietary Allowances; The Food Guide Pyramid; nutritional needs throughout the life cycle; nutrition for health promotion, weight maintenance/weight loss, and for sports/performance; cultural nutrition; the basics of nutritional assessment (what they can do as physicians); determination of kilocalorie and protein requirements; principles of enteral and parenteral nutrition; and nutritional needs of the major disease states (e.g., cardiovascular, diabetes, renal, pulmonary, cancer, AIDS, gastrointestinal, etc.). Prereq: First and second year Medical students.
- (b) New description: prerequisite(s)
This course is designed to give the medical and health professional student an understanding of the basic principles of normal nutrition and medical nutrition therapy during the course of health and disease. Areas to be covered include: general principles of macro- and micronutrients; the basics of nutritional assessment; the Recommended Dietary Allowances and Dietary Reference Intakes; the "MyPyramid" Food Guide Pyramid; nutritional needs throughout the life cycle; determination of energy and macronutrient requirements; and nutrition for health promotion and disease prevention, e.g., cardiovascular, diabetes, renal, pulmonary, cancer, AIDS, gastrointestinal; weight maintenance/weight loss.
- (c) Prerequisites for course as changed: Completion of a 400 or 500 level nutrition course or consent of instructor

5. What has prompted this proposal?

Since obesity and its comorbidities have achieved epidemic proportions and affect the majority of primary health concerns, there is a need for all health care professional students, especially those at rural and distance sites, to gain further knowledge in the area of nutrition and disease prevention. This course will provide students with the opportunity to develop this knowledge base and apply these principles to disease prevention. Further, in reassigning this course from a professional 802 course to a 602 graduate level course the student will be required to develop expertise outside of areas discussed in the didactic curriculum by completion of a required research project component of the course.

6. If there are to be significant changes in the content or teaching objectives of this course, indicate changes:

The primary change will be that the course will be mainly aimed at off-campus sites with a reduction in the didactic portion of the course and an added emphasis on the required research component.

*NOTE: Approval of this change will constitute approval of the program change unless other program modifications are proposed.

7. What other departments could be affected by the proposed change? This course would offer an applied nutrition option, aimed at disease prevention, to students in the College of Public Health, Department of Nutrition and Food Sciences, College of Health Sciences, Graduate Center for Nutritional Sciences and Department of Kinesiology/Health Promotion as well as rural and distance sites.

8. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky? X Yes No

9. Will changing this course change the degree requirements in one or more programs? Yes X No

10. * If yes, please attach an explanation of the change.* Yes X No

11. Is this course currently included in the University Studies Program? Yes X No

If yes, please attach correspondence indicating concurrence of the University Studies Committee.

12. If the course is a 100-200 level course, please submit evidence (e.g., correspondence) that the Community College System has been consulted.

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12. If the course is 400G or 500 level, include syllabi or course statement showing differentiation for undergraduate and graduate students in assignments, grading criteria, and grading scales. Check here if 400G-500.

13. Is this a minor change? Yes X No (NOTE: See the description on this form of what constitutes a minor change. Minor changes are sent directly from the Dean of the College to the Chair of the Senate Council. If the latter deems the change not to be minor, it will be sent to the appropriate Council for normal processing.)

14. Within the Department, who should be consulted for further information on the proposed course change?


Name: Geza Bruckner Phone Extension: 80859

Signatures of Approval:



Department Chair

Date 2 Dec 2005



Dean of the College

4-03-06
Date

Date of Notice to the Faculty

**Undergraduate Council

Date

**Graduate Council

Date



**Academic Council for the Medical Center

4.19.06

Date

**Senate Council

Date of Notice to University Senate

**If applicable, as provided by the Rules of the University Senate.

ACTION OTHER THAN APPROVAL

Syllabus/Class Schedule CNU 602 Applied Nutrition and Disease Prevention

Location: Blackboard Course for Distance Learning

Course Instructors and Coordinators: Drs. Maria Boosalis (MGB), Gilbert Boissonneault (GAB) and Geza Bruckner (GB)

Overall Objectives: This course is designed to give the medical and health professional student an understanding of the basic principles of normal nutrition and disease prevention. Areas to be covered include: nutritional needs throughout the lifecycle; the basics of nutritional assessment; determination of energy and macronutrient requirements; nutrition for health promotion and disease prevention, e.g., cardiovascular, diabetes, renal, pulmonary, cancer, gastrointestinal; weight maintenance/weight loss. Understanding of these topic areas will be conveyed to the students through lectures and an in depth research project.

All Lectures are 1 - 2 Hours or time/topic equivalent assignments (research paper)

- 1) Introduction
Nutrition and Metabolism (GB)
- 2) "Normal" Nutrition (GB)
- 3) Nutrition through the Life Cycle (GAB)
- 4) Nutrition through the Life Cycle (GAB)
- 5) "A, B, C, D, & E's of a Nutritional Assessment" (MGB)
- 6) Obesity (GB)
- 7) Weight Control/Eating Disorders (MGB)
- 8) The Obesigenic Environment (MGB)

Midterm Exam

- 9) Dyslipidemia/Hypertension (GB)
- 10) Diabetes Mellitus/Renal (GAB)
- 11) Enteral/Parenteral Nutrition and Access (MGB)
- 12) Cancer (GAB)
- 13) Nutritional Management of Cancer (MGB)
- 14) Cardiovascular Disease (GB)

15) Osteoporosis/Bone Disease (GAB)

Final Exam

All students will turn in two library research papers on a specific topic in clinical nutrition (10 points each = 20 points total)

GRADING POLICY Total Points: 200

Distribution: Examination #1 90 points
Final Examination 90 points

Grade Assignment:

Grade/ Total # Points = 200

- A 90-100%
- B 80-89.99%
- C 70-79.99%
- E less than 70%

The grading scale may be curved at the end of the semester to account for natural break points.

General Information: Students are responsible for all materials and assignments as presented on blackboard. The types of examination questions asked will vary by lecturer and may include (but are not limited to) any one or combination of multiple choice, short answer, true/ false, matching, and/or essay questions. In addition, "policies related to excused absences, cheating/plagiarism, withdrawal, incomplete final exams and common exams can be found in your copy of Student Rights and Responsibilities. As students and faculty in the University of Kentucky, we are all responsible for adhering to these policies.

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