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OFFICE OF THE
SENATE COUNCIL

1. General Information

1a. Submitted by the College of: AGRICULTURE, FOOD AND ENVIRONMENT

Date Submitted: 2/21/2014

1b. Department/Division: Dietetics and Human Nutrition

1c. Contact Person

Name: Kelly Webber

Email: kelly.webber@uky.edu

Phone: 257-4351

Responsible Faculty ID (if different from Contact)

Name:

Email:

Phone:

1d. Requested Effective Date: Semester following approval

1e. Should this course be a UK Core Course? No

2. Designation and Description of Proposed Course

2a. Will this course also be offered through Distance Learning?: No

2b. Prefix and Number: DHN 608

2c. Full Title: Chronic Disease Management and Process

2d. Transcript Title:

2e. Cross-listing:

2f. Meeting Patterns

LECTURE: 3

2g. Grading System: Graduate School Grade Scale

2h. Number of credit hours: 3

2i. Is this course repeatable for additional credit? No

If Yes: Maximum number of credit hours:

If Yes: Will this course allow multiple registrations during the same semester?

2j. Course Description for Bulletin: This course focuses on the etiology and pathophysiology of nutrition-related chronic diseases and conditions including obesity, hypertension, dyslipidemia, heart disease, diabetes, and cancer. Emphasis is placed on the biochemical and physiological mechanisms involved by which nutrients impact the prevention, nutrition care process-diagnosis, assessment, implementation of care, monitoring and evaluation, and progression of chronic diseases and conditions.

2k. Prerequisites, if any: Prerequisite: Graduate standing and minimum 3 credit hours of upper level advanced nutrition or DHN 510.

2l. Supplementary Teaching Component:

3. Will this course taught off campus? No

If YES, enter the off campus address:

4. Frequency of Course Offering: Fall,

Will the course be offered every year?: Yes

If No, explain:

5. Are facilities and personnel necessary for the proposed new course available?: Yes

If No, explain:

6. What enrollment (per section per semester) may reasonably be expected?: 15

7. Anticipated Student Demand

Will this course serve students primarily within the degree program?: Yes

Will it be of interest to a significant number of students outside the degree pgm?: Yes

If Yes, explain: [var7InterestExplain]

8. Check the category most applicable to this course: Relatively New – Now Being Widely Established,

If No, explain:

9. Course Relationship to Program(s).

a. Is this course part of a proposed new program?: No

If YES, name the proposed new program:

b. Will this course be a new requirement for ANY program?: Yes

If YES, list affected programs: MS Nutrition and Food Systems

10. Information to be Placed on Syllabus.

a. Is the course 400G or 500?: No

b. The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from 10.a above) are attached: Yes

Distance Learning Form

Instructor Name:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?

If yes, which percentage, and which program(s)?

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?

6. How do course requirements ensure that students make appropriate use of learning resources?

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

10. Does the syllabus contain all the required components? NO

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name:

SIGNATURE|LGRABAU|Larry J Grabau|DHN 608 NEW College Review|20140226

SIGNATURE|ZNNIKO0|Roshan N Nikou|DHN 608 NEW Graduate Council Review|20140307

Courses	Request Tracking
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New Course Form

<https://myuk.uky.edu/sap/bc/soap/rfc?services=>

Generate R

[Open in full window to print or save](#)

Attachments:

Upload File

ID	Attachment
Delete 3072	DHN 608 Chronic Disease Management and Process.doc

1

Select saved project to retrieve...

(*denotes required fields)

1. General Information

a. * Submitted by the College of: Submission Date:

b. * Department/Division:

c.

* Contact Person Name: Email: Phone:

* Responsible Faculty ID (if different from Contact): Email: Phone:

d. * Requested Effective Date: Semester following approval OR Specific Term/Year

e.

Should this course be a UK Core Course? Yes No

If YES, check the areas that apply:

Inquiry - Arts & Creativity Composition & Communications - II

Inquiry - Humanities Quantitative Foundations

Inquiry - Nat/Math/Phys Sci Statistical Inferential Reasoning

Inquiry - Social Sciences U.S. Citizenship, Community, Diversity

Composition & Communications - I Global Dynamics

2. Designation and Description of Proposed Course.

a. * Will this course also be offered through Distance Learning? Yes No

b. * Prefix and Number:

c. * Full Title:

d. Transcript Title (if full title is more than 40 characters):

e. To be Cross-Listed ² with (Prefix and Number):

f. * Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours³ for each meeting pattern type.

<input type="text" value="3"/> Lecture	<input type="text"/> Laboratory ¹	<input type="text"/> Recitation	<input type="text"/> Discussion
<input type="text"/> Indep. Study	<input type="text"/> Clinical	<input type="text"/> Colloquium	<input type="text"/> Practicum
<input type="text"/> Research	<input type="text"/> Residency	<input type="text"/> Seminar	<input type="text"/> Studio
<input type="text"/> Other	If Other, Please explain: <input type="text"/>		

g. * Identify a grading system: Letter (A, B, C, etc.) Pass/Fail Graduate School Grade Scale

h. * Number of credits:

i. * Is this course repeatable for additional credit? Yes No

If YES: Maximum number of credit hours:

If YES: Will this course allow multiple registrations during the same semester? Yes No

j. * Course Description for Bulletin:

This course focuses on the etiology and pathophysiology of nutrition-related chronic diseases and conditions including obesity, hypertension, dyslipidemia, heart disease, diabetes, and cancer. Emphasis is placed on the biochemical and physiological mechanisms involved by which nutrients impact the prevention, nutrition care process-diagnosis, assessment, implementation of care, monitoring and evaluation, and progression of chronic diseases and conditions.

k. Prerequisites, if any:

Prerequisite: Graduate standing and minimum 3 credit hours of upper level advanced nutrition or DHN 510.

l. Supplementary teaching component, if any: Community-Based Experience Service Learning Both3. * Will this course be taught off campus? Yes No

If YES, enter the off campus address:

4. Frequency of Course Offering.

a. * Course will be offered (check all that apply): Fall Spring Summer Winter

b. * Will the course be offered every year? Yes No

If No, explain:

5. * Are facilities and personnel necessary for the proposed new course available? Yes No

If No, explain:

6. * What enrollment (per section per semester) may reasonably be expected? 15

7. Anticipated Student Demand.

a. * Will this course serve students primarily within the degree program? Yes No

b. * Will it be of interest to a significant number of students outside the degree pgm? Yes No

If YES, explain:

It is expected Nutritional Sciences, Kinisecology and Public Health graduate students may be interested. The Departments has always been reciprocal; sometimes instructor permission is required, but not with this course.

8. * Check the category most applicable to this course:

- Traditional – Offered in Corresponding Departments at Universities Elsewhere
 Relatively New – Now Being Widely Established
 Not Yet Found in Many (or Any) Other Universities

9. Course Relationship to Program(s).

a. * Is this course part of a proposed new program? Yes No

If YES, name the proposed new program:

b. * Will this course be a new requirement ² for ANY program? Yes No

If YES ², list affected programs:

MS Nutrition and Food Systems

10. Information to be Placed on Syllabus.

a. * Is the course 400G or 500? Yes No

If YES, the *differentiation for undergraduate and graduate students must be included* in the information required in 10.b. You must include: (i) identify additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR

b. * The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if appl 10.a above) are attached.

- Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.
- The chair of the cross-listing department must sign off on the Signature Routing Log.
- In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally, is two hours per week for a semester for one credit hour. (from SR 5.2.1)
- You must also submit the Distance Learning Form in order for the proposed course to be considered for DL delivery.
- In order to change a program, a program change form must also be submitted.

Rev 8/09

Submit as New Proposal Save Current Changes

DHN 608-001 CHRONIC DISEASE MANAGEMENT and PROCESS

Department of Dietetics & Human Nutrition

Scheduled meeting days, time and place TBD

Instructor: Dawn Brewer, PhD, RD, LD - Department of Dietetics & Human Nutrition
Office: 209 C Funkhouser Bldg DHN Office 203 Funkhouser Bldg
Phone: 859-257-1661 DHN Office 859-257-3800
Email: dawn.brewer@uky.edu
(Preferred method of contact)

Office Hours: M: 9:30 – 11:00
W: 1:00 – 2:30
Or by appointment

Required Textbook: Shils ME, Shike M, Ross AC, Caballero B, Cousins Modern Nutrition in Health and Disease 11th Edition.

Course Description:

This course focuses on the etiology and pathophysiology of nutrition-related chronic diseases and conditions including obesity, hypertension, dyslipidemia, heart disease, diabetes, and cancer. Emphasis is placed on the biochemical and physiological mechanisms involved by which nutrients impact the prevention, The nutrition care process-diagnosis, assessment, implementation of care, monitoring and evaluation, and progression of chronic diseases and conditions.

Course Student Learning Outcomes:

Upon completion of this course, the student will be able to:

1. Explain the pathophysiology of nutrition-related chronic diseases and conditions.
2. Understand how nutrients are involved in disease development and protection.
3. Explain the medical nutrition therapy involved to maintain or improve a nutrition-related chronic condition.

Course Goals:

- Integrate nutrition fundamentals into the treatment and prevention of chronic disease.
- Implement diagnostic measures through the nutrition care process to critical evaluations and resolution of major nutrition problems.

Course Policies:

Policies relating to excused absences, cheating/plagiarism, withdrawal, incompletes and final exams can be found in *Student Rights and Responsibilities*, under the University of Kentucky website:

<http://www.uky.edu/StudentAffairs/code>. As a student of the university, you are responsible for reading, understanding and adhering to these policies.

Class Attendance: Class attendance is mandatory. Being absent will result in 10 points being deducted from the point total. Be mindful of the University policy which requires students to withdraw from the course after accumulating absences totaling 20% of class meetings. Refer to the Student Handbook S.R. 5.2.4.2 for the complete policy pertaining to acceptable reasons for excused absences. Excused absences include serious illness, illness or death of family member, University-related trips, major religious holiday (Students are responsible for notifying the instructor **in writing** of anticipated absences due to their observance of such holidays) are considered to be “reasonable cause for nonattendance”. Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness or death in the family.

Instructional Strategies: This course will consist of lecture sessions. The course content will be delivered by, power point, short videos, and in-class activities, and discussion. Class participation, discussion and questions are encouraged. Students will need to use Blackboard to monitor grades and announcements, and access all course material. Please let the Instructor know within two weeks of the start of the semester if you are having difficulties logging on and have already contacted the Blackboard Help Desk (BBSupport@lsv.uky.edu or go directly to McVey Hall).

Academic Integrity: The University of Kentucky does not tolerate dishonesty in any form. As students of the university, you are all responsible for adhering to these policies. Academic dishonesty includes, but is not limited to plagiarism (copying or using someone else's work as your own), utilization of unauthorized materials during academic evaluations, and giving or receiving unauthorized assistance during evaluations can result in a charge of academic dishonesty. Evidence of inadvertent improper use of materials can result in a charge of academic dishonesty. Penalties for academic dishonesty vary depending on the severity of the offense and any previous offenses. The minimum penalty for a first offense is a zero on the assignment in question and a final grade reduction of one letter grade. Serious or repeat offenses will result in an E or XE grade for the course. Please familiarize yourself with the portion of UK's student code that addresses academic offenses, beginning with section 6.3.0 found at <http://www.uky.edu/studentaffairs/code/part2.html>.

Classroom Behavior: Appropriate classroom behavior is expected of all students. This behavior includes arriving on time to class, being prepared for class, listening respectfully to instructors and fellow classmates, contributing to class discussions, abstaining from non-class related activities (such as, cell phone or computer use, reading the paper, working on assignments for other classes, talking to classmates at inappropriate times, etc.).

Instructional Accommodations: If you have a documented disability that requires academic accommodations, please see me as soon as possible to discuss accommodation policy and procedures. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

Student Responsibilities & Criteria for Evaluation:

Class Readings: This course will be taught primarily as a lecture course using the required text and lecture material as a guide. Therefore, reading text assignments prior to class will be important to your comprehension and application of information presented during lecture. Check Blackboard regularly for handouts that you will need to read before class and bring to class.

Exam Policy: All exams are to be completed on the designated date and at the designated time. You must turn off all electronic gadgets during the exam period. Each exam will be worth 100 points and will consist of multiple choice questions, matching and short and medium-answer questions. You will have 1 hour and 15 minutes to complete exams 1 and 2, and two hours to complete the final exam. The final exam is cumulative. **Make-up exams will be given in cases of excused absences only.** The form and time of all make-up exams will ultimately be determined by the instructor. The final exam will be conducted as stated in the university schedule book. Please call my office if illness or unforeseen circumstances cause you to miss an exam (257-1661). Students are expected to follow the Instructor's directions and testing policies while taking exams. Any form of tests should be completed independently. Although students are encouraged to study and learn together, no form of academic dishonesty will be tolerated. Please refer to "Student Rights and Responsibilities" for possible sanctions.

Assignments:

Deliver a 20 minute oral presentation summarizing an original research article. The research article must pertain to nutrition and disease processes. Assignment details are available on Blackboard.

Write a two page discussion of a research paper when given the abstract and results. Assignment details are available on Blackboard.

3 Exams (in class) at 100 points each	300
Oral presentation	50
Written discussion	50
Total Points	400

Grade Distribution:

A = $\geq 90\%$ 360 - 400 pts

B = 80-89% 320 - 359 pts

C = 70-79% 280 - 319 pts

Total Points = _____ \div 400 = _____ course grade

“I” and “W” grades: please refer to the policy in the UK Catalog, UK Fall Schedule of Classes, and the Student Rights and Responsibilities (Part II, Section 1.3.4).

DHN 608 Tentative Course Schedule

CLASS	TOPIC
Class 1	Class Overview Protein Synthesis
Class 2	Protein synthesis
Class 3	Nutrigenomics
Class 4	Appetite Regulation
Class 5	Appetite Regulation Student Presentation
Class 6	Exam 1
	Obesity Overview
Class 7	Role of Nutrition in Obesity Student Presentation
Class 8	Diabetes
Class 9	Diabetes and Nutrition Student Presentation
Class 10	Hypertension Overview Nutritional and Hypertension Student Presentation
Class 11	Exam 2
Class 12	Cardiovascular Disease Overview Nutritional Aspects of Cardiovascular Disease Student Presentation
Class 13	Cancer Overview
Class 14 dead week	Nutrition and Cancer Student Presentation
Class 15 finals	Exam 3