Term Information

Effective Term: Summer 2014
Previous Value: Summer 2013

Course Change Information

What change is being proposed? (If more than one, what changes are being proposed?)
Withdraw course

What is the rationale for the proposed change(s)?
Faculty consensus that course is not needed; content is covered in other experiences and classes

What are the programmatic implications of the proposed change(s)?
(e.g. program requirements to be added or removed, changes to be made in available resources, effect on other programs that use the course)?
none; approval to withdraw confirmed by Animal Science.

Is approval of the request contingent upon the approval of other course or curricular program request? No

Is this a request to withdraw the course? Yes

General Information

Course Bulletin Listing/Subject Area: Human Nutrition
Fiscal Unit/Academic Org: Human Development & Family Sci - D1251
College/Academic Group: Education & Human Ecology
Level/Career: Graduate
Course Number/Catalog: 8832
Course Title: Nutrition in Women's Health
Transcript Abbreviation: Nutrition & Women
Course Description:
Epidemiological, clinical and basic perspectives of how women’s physiology from puberty until old age changes her diet and nutrition needs.

Semester Credit Hours/Units: Fixed: 3

Offering Information

Length Of Course: 14 Week
Flexibly Scheduled Course: Never
Does any section of this course have a distance education component? No
Grading Basis: Letter Grade
Repeatable: No
Course Components: Lecture
Grade Roster Component: Lecture
Credit Available by Exam: No
Admission Condition Course: No
Off Campus: Never
Campus of Offering: Columbus

Prerequisites and Exclusions

Prerequisites/Corequisites

Prereq: 7761 (761), AnimSci 7761 (761), or FdScTe 761.

Exclusions

Not open to students with credit for 830.11, AnimSci 830.11, or FdScTe 830.11.

Cross-Listings

Cross-listed in AnimSci.

Subject/CIP Code

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Requirement/Elective Designation

Required for this unit's degrees, majors, and/or minors

Course Details

Course goals or learning objectives/outcomes

- Integrate the molecular and systemic bases of gender-based differences between men and women especially in relation to metabolism and body composition
- Interpret current and historical research literature pertinent to nutrition and women's health; Analyze the experimental limitations and data analysis related to experimental nutrition and assessment
- Extrapolate from current literature future areas that are required for investigation in order to improve dietary recommendations to women about health issues such as breast cancer, cardiovascular disease, osteoporosis and diabetes/obesity

Content Topic List

- History of research and practice of nutrition in women's health: The case of MRFIT
- Comparisons of men and women: Study design and considerations
- Molecular endocrinology of women, Estrogen action & metabolism
- Puberty, pregnancy and post-menopause: The plasticity of a woman
- Body Fat in Women; Adipose Biology; Estrogen and Adipose
- Adipose Distribution in Women; Gender differences in adiposity, metabolism and body composition
- Mammary Gland Biology
- Introduction of mammary gland biology & lactation; evolution
- Mammary biology: Structure and function
- Mammary development, lactation, milk composition
- Mammary carcinogenesis
- Bone health Pre-menarche, menarche, menopause, older age; Osteoporosis
- From research to policy to practice: How will the lives of women & children benefit?

Attachments
## Workflow Information

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