

FDNS2400 Introduction to Nutrition Science

Period 74, Tuesdays 12:30-1:45 PM only, 1 Credit

Room 264 Dawson Hall

Enrollment maximum 24

Instructor: Dr. James L. Hargrove

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Office: 280 Dawson Hall

Office hours: By appointment

Course Objective

This course will introduce students to the nutrition science major and to topics of interest in nutritional research. Students will learn to use scientific databases, bibliographic software, and software for statistical analysis of data. The course also affords an opportunity to develop resumés, work on strategies for career goals, and answer questions about the Nutrition Science major. In addition, students may meet research faculty and visit laboratories engaged in nutritional research.

Course Requirements

The course will combine readings and in-class discussion with presentations by research faculty and research librarians. A project in an area of nutritional research concerning the cardiovascular metabolic syndrome will be undertaken. The instructor will bear in mind that this is a one-credit course and will ensure that the weekly work can be completed in less than 1-2 h outside of class.

Readings:

No text will be used. Readings will be posted on the FDNS2400 WebCT home page.

Attendance Policy

Attendance will be taken. It is imperative that students attend class and participate each week in class activities. Two absences will be permitted, after that students will be dropped or assigned an unsatisfactory score. As with any serious research endeavor, participants must take an active roll in the projects.

Grading Policy

Each student is expected to take an active role in the research project and to contribute to the team's ultimate goal of producing a meaningful study. Grading will be based on attendance, participation, and timely completion of any assignments. An unsatisfactory grade may be assigned for failure to attend 2 or more class sessions or failure to complete assignments. Except in cases of verified family emergencies, no incomplete grades will be assigned.

Goals for the Nutrition Science Program

1. Nutrition Science graduates will understand the biochemical and physiological mechanisms by which individual nutrients in the diet affect health through the life cycle.
2. Graduates will be competent in obtaining and critically analyzing primary, peer-reviewed publications in the nutrition literature. Specifically, graduates will have employed biomedical databases maintained through the GALILEO and GIL databases to develop background for written and oral reports.
3. Graduates will obtain appropriate experience or training required for entry into individually chosen professions. This experience may include research credit hours, study abroad, volunteering, or shadowing a professional in their chosen field of medicine, pharmacy, dentistry, or allied health sciences.
4. Graduates will be able to employ tools used in research or scientific communication, including basic statistics, standard international units of measure, and specialized tools such as bibliographic software, or spreadsheets.