

## **DHN 301 - DIETETICS PRACTICE**

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College of Ag, Food and Environment

**Credit(s): 1**

This course provides a study of dietetics practice including professional ethics, standards of practice, scope of practice, credential attainment and maintenance, competencies required for entry level practice, and responsibilities as a professional. Lectures and assignments will provide exploration of dietetics practice in medical nutrition therapy, food service management, delivery of nutrition services, and dietetics in general.

Prereq: DHN 212; Limited to Dietetics Majors only.

## **DHN 302 - PRINCIPLES OF FOOD PREPARATION**

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College of Ag, Food and Environment

**Credit(s): 3**

The physical and chemical principles involved in the preparation of foods and the application of these principles to control for quality outcomes. Laboratory experiences link theory to practice to ensure that the standards of safety and overall quality factors are applied to maximize nutrient retention while maintaining the acceptability and nutritional qualities of foods produced for individuals and groups. Lecture, one hour; Laboratory, four hours.

Prereq: DHN 241; Limited to DHN and Family Consumer Science (FCS) department majors and with permission of instructor.

## **DHN 311 - NUTRITIONAL BIOCHEMISTRY**

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College of Ag, Food and Environment

**Credit(s): 3**

An introductory study of the biochemical basis of nutrition—the physiochemical properties of nutrients and other essential biochemicals and their role in physiological and metabolic processes.

Prereq: CHE 230 or CHE 236 must be completed prior to DHN 311; PGY 206 must be taken concurrently or prior to DHN 311. Limited to Dietetics, Human Nutrition, and Food Science Majors only; other majors by Consent of Instructor.

## **DHN 312 - LIFE CYCLE AND COMMUNITY NUTRITION I**

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College of Ag, Food and Environment

**Credit(s): 3**

A study of the physiological changes occurring in the human life cycle with associated nutrient needs. The course focuses on assessment and determination of nutrition issues and nutrition education for individuals from in-utero to toddlerhood. Nutrition education programs on a community level will be addressed at each stage of the life cycle.

Prereq: DHN 212; Limited to Dietetics and Human Nutrition Majors only.

## **DHN 313 - LIFE CYCLE AND COMMUNITY NUTRITION II**

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College of Ag, Food and Environment

**Credit(s): 3**

A study of the physiological changes occurring in the life cycle with associated nutrient needs. The course focuses on assessment and determination of nutrition issues and nutrition education for individuals from childhood to old age. Nutrition education programs on a community level will be addressed at each stage of the life cycle. Program planning, evaluation and grant writing will also be covered and applied in this course.

Prereq: DHN 312; limited to Dietetics and Human Nutrition majors only.

## **DHN 342 - QUANTITY FOOD PRODUCTION**

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College of Ag, Food and Environment

**Credit(s): 4**

An introduction to the production and service of food in quantity, to include the application of

production techniques and controls, menu planning and service. Lecture, two hours; laboratory, 4.5 hours per week.

Prereq: DHN 302 or HMT 308; DHN 241; Limited to Dietetics and Hospitality, Management and Tourism Majors.

## **DHN 346 - MANAGEMENT FOR FOOD INDUSTRIES**

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College of Ag, Food and Environment

### **Credit(s): 3**

This course examines the evolving field of human resources in the food and hospitality industry. Students will examine the changing roles and responsibilities of the manager. Topics will include fundamental principles and purchasing techniques in the food service system as well as planning, selection, placement, training, disciplining employees, labor relations and compensation.

Prereq: ECO 201; Dietetics majors only.

## **DHN 374 - RESEARCH AND WRITING IN DIETETICS**

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College of Ag, Food and Environment

### **Credit(s): 3**

Study of research, ethics, and methodology for designing, managing, and synthesizing evidence-based research in dietetics. Students develop critical thinking, writing, and oral communication skills through scientific literature searches, interpretation of data, and development of a news brief, newsletter article, and literature review with accompanying oral presentations. This course is a Graduation Composition and Communication Requirement (GCCR) course in certain programs, and hence is not likely to be eligible for automatic transfer credit to UK.

Prereq: DHN 212 and STA 210; limited to Dietetics majors only.

## **DHN 408G - SEMINAR IN DIETETICS AND HUMAN NUTRITION**

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College of Ag, Food and Environment

**Credit(s): 1**

Investigation of recent research in dietetics and human nutrition. May be repeated to a maximum of three credits. Nutritional Sciences graduate students may not enroll for graduate credit.

Prereq: DHN 510 or consent of instructor.  
Repeatable up to 3 credit hours.

**DHN 510 - ADVANCED NUTRITION**

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College of Ag, Food and Environment

**Credit(s): 3**

Application of biochemistry, physiology and nutrition to the understanding of the utilization and function of nutrients in the body as related to the structure, function and metabolic needs of cells/organ systems.

Prereq: DHN 311 or BCH 401G or equivalent; PGY 206; Dietetic and Human Nutrition Majors or admission to graduate program.

**DHN 512 - MEDICAL NUTRITION THERAPY I**

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College of Ag, Food and Environment

**Credit(s): 4**

This course explores changes in nutrient metabolism related to biochemical and physiological alterations in disease conditions and application of the Nutrition Care Process. Content includes case study evaluations, medical nutrition therapies for disease conditions, and current research in the field.

Prereq: DHN 311 and DHN 312; plus, past or concurrent DHN 510. Enrollment is restricted to dietetics majors only.

## **DHN 514 - DIETETICS: COUNSELING AND COMMUNICATION THEORIES AND APPLICATIONS**

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College of Ag, Food and Environment

### **Credit(s): 3**

Counseling and communication theories are combined to study specific applications which include disease prevention, disease management and refinement of communication skills to enhance effectiveness as a practicing RD. Students will enhance their capacity to motivate others to practice healthy food behaviors. Active learners will develop a conceptual framework for future professional practice in dietetics as ethical counselors and facilitators of behavior change.

Prereq: DHN 313, DHN 510, DHN 512; must be taken concurrently with DHN 517. Limited to Dietetics majors only.

## **DHN 517 - MEDICAL NUTRITION THERAPY II**

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College of Ag, Food and Environment

### **Credit(s): 3**

This course continues study of medical nutrition therapy topics, including trauma and enteral and parenteral nutrition. Content includes more advanced case study evaluations, medical nutrition therapies, and current research in the field.

Prereq: DHN 512 and concurrent with DHN 514 and enrollment is limited to dietetics majors.