

NUTRITION SCIENCES (NUTR)

NUTR 1401 Introduction to Food Science (4)

Comprehensive study and experimental laboratory investigation of food constituents with a focus on chemical and physiochemical properties and reactions, including sensory evaluation, microbial safety, and food preservation.

NUTR 1V9R Research (3)

Pre-requisite(s): Consent of instructor

Undergraduate research undertaken under the supervision of a faculty member. May be taken for a maximum of 6 hours.

NUTR 2101 Introduction to the Profession of Nutrition and Dietetics (1)

History of the profession and the skills and functioning of nutrition and dietetics professionals. Prepares students for their undergraduate major and for entrance into the supervised practice.

NUTR 2351 Nutrition (3)

Pre-requisite(s): CHE 1300 or 1301 or 1405; or BIO 1305 or 1401 or 1405
Scientific approach to the essential nutrients for human growth and development. Macronutrients, micronutrients, and human metabolism have details coverage; a computer diet analysis is conducted.

NUTR 2380 Intro to Food Delivery Systems (3)

Pre-requisite(s): A minimum grade of C in NUTR 1401 and NUTR 2351, or consent of the instructor

Introduction to meal service in the setting of the home, institutions, childcare, and restaurants. Management of meal planning, preparation, and service. Emphasis on equipment usage and maintenance and time, money, and nutrient management.

NUTR 2V9R Research (3)

Pre-requisite(s): Consent of instructor

Undergraduate research undertaken under the supervision of a faculty member. May be taken for a maximum of 6 hours.

NUTR 3288 Introduction to the Nutrition Care Process (2)

Pre-requisite(s): NUTR 2351; Upper-level standing

Introduction to the Nutrition Care Process (NCP) with an emphasis on the Nutrition Assessment and Nutrition Diagnosis components of this standard protocol, including application of nutrition-focused physical assessment. Medical terminology pertinent to the NCP will also be discussed.

NUTR 3305 Nutrition Systems Management (3)

This course provides an introduction to managerial and leadership processes vital to nutrition/food-focused organizations through a study of the organization as a social system. Emphasis is placed on presenting practical skills that will facilitate the student's transition to the workplace. Topics examined include management and leadership philosophy, ethical decision-making, employee motivation, work attitudes, teamwork and group dynamics, managerial communication, and organizational culture and change.

NUTR 3314 Consumer Nutrition (3)

Survey of basic nutrition and current issues focusing on personal nutrient needs. Not open to nutrition sciences majors, minors or other students who have taken NUTR 2351.

NUTR 3351 Nutrition Counseling and Education (3)

Pre-requisite(s): A minimum grade of C in NUTR 2351

Nutrition counseling and education strategies that can be used for dietary behavior change, emphasizing practical aspects of nutrition counseling.

NUTR 3386 Experimental Foods (3)

Pre-requisite(s): A minimum grade of C in NUTR 1401; and BIO 1305, CHE 1301 and 1341, STA 1380 or 2381

Investigation of the composition, functional properties, and reactions of food components. The study of chemical-physical changes which result from processing materials comprising foods. Study of experimental techniques for product development.

NUTR 3388 Introduction to Medical Nutrition Therapy (3)

Pre-requisite(s): BIO 1305, [2401 and 2402] or 3322; CHE 1301, 1341; NUTR 3288; and a minimum grade of C in NUTR 2351

In-depth study and proficiency testing of the nutrition care process, medical vocabulary, medical records, clinical math, diabetes, and cardiovascular disease.

NUTR 3435 Food Service Production (4)

Pre-requisite(s): A minimum grade of C in NUTR 1401, 2351, and 2380
Quality food production techniques, procedures, and management of meals serving fifty or more people. The function and methods of food management (for profit) will be emphasized in this course.

NUTR 3V9R Research (3)

Pre-requisite(s): Consent of instructor

Undergraduate research undertaken under the supervision of a faculty member. May be taken for a maximum of 6 hours.

NUTR 4151 Nutrition Practicum (1)

Pre-requisite(s): Departmental approval required

Supervised field experiences in nutrition education and program delivery. A minimum of one hour each week is required in a seminar setting. May be repeated for a maximum of 4 credit hours.

NUTR 4200 Seminar in Nutrition Sciences (2)

Pre-requisite(s): Senior standing or consent of the instructor

Professional aspects of nutritional sciences with concentration on ethics, credentialing, communications, marketing, and public policy techniques.

NUTR 4351 Life Cycle Nutrition (3)

Pre-requisite(s): A minimum grade of C in NUTR 2351 or consent of instructor

Nutritional needs of individuals as they progress through the life cycle from birth through aging, with considerations of concomitant problems.

NUTR 4352 World Nutrition (3)

Pre-requisite(s): A minimum grade of C in NUTR 2351 or consent of the instructor

World hunger as a major international problem. The effects of malnutrition on growth, health, and economic output will be examined.

NUTR 4386 Nutrition for Sport and Fitness (3)

Pre-requisite(s): NUTR 2351, BIO [2401 and 2402] or 3322, and upper-level standing or consent of instructor

Nutritional concepts for individuals and team sport participants across the life cycle with a particular focus on selection of optimal dietary approaches as related to performance needs, maximizing performance, body comparison, energy balance, and unique nutrient needs for specific sport participants. Food and nutrition quackery in sports will also be addressed.

NUTR 4387 Advanced Nutrition (3)

Pre-requisite(s): Nutrition Sciences majors must have a grade of C or higher in NUTR 2351, BIO 1305, CHE 1301, 1341, and 3341

Nutrients and their roles in human health. Emphasis on trends in nutritional research.

NUTR 4388 Medical Nutrition Therapy (3)

Pre-requisite(s): A minimum grade of C in NUTR 3388

In-depth study of various disease states with a focus on pathophysiology and evidence-based medical nutrition therapy interventions. Field experience in clinical dietetics is required.

NUTR 4395 Special Studies in Nutrition, Food science and food production (3)

Current issues in nutrition, food science or food production can be explored through seminars, special topics, and practicums. May be repeated with different content for a maximum of 6 semester hours.

NUTR 4V93 Special Topics in Nutrition Sciences (1-3)

Pre-requisite(s): Junior standing or consent of instructor

Current issues in nutrition will be examined through seminars, special topics, practicums and/or individual research experiences. May be repeated with different content for a maximum of 6 semester hours.

NUTR 4V9R Research (3)

Pre-requisite(s): Consent of instructor

Undergraduate research undertaken under the supervision of a faculty member. May be taken for a maximum of 6 hours.