

Nutrition - NTRI

Courses

NTRI 1010 INTRODUCTION TO THE PRE-HEALTH PROFESSIONS (1) LEC. 1. This course is designed to expose College of Human Sciences Pre-Health students to the different components of the pre-professional application process. This course will uncover the opportunities offered to students to enhance his/her ability to gain experiences that demonstrate core competencies of health professions. This course provides opportunities to explore and develop these competencies required for professional programs through discussion, activities, reading, writing, and collaboration.

NTRI 2000 NUTRITION AND HEALTH (3) LEC. 3. Principles of human nutrition and food choices related to the health of individuals. Credit will not be given for both NTRI 2000 and NTRI 2007.

NTRI 2007 HONORS NUTRITION AND HEALTH (3) LEC. 3. Pr. Honors College. Principles of human nutrition and food choices related to the health of individuals. Topics similar to NTRI 2000 but covered in greater depth with classroom discussion of controversial topics. Credit will not be given for both NTRI 2000 and NTRI 2007.

NTRI 2010 BASIC SPORTS NUTRITION (3) LEC. 3. Pr. (BIOL 1020 or BIOL 1027) or (NTRI 2000 or NTRI 2007). An introductory course on the relationship between nutrition and sports performance. Topic areas to be covered include energy, carbohydrates, protein/ amino acids, fluids, vitamins, minerals, body weight and supplement use as they directly relate to sports performance. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 2070 CAREERS IN NUTRITION, DIETETICS AND WELLNESS (1) LEC. 1. Pr. (NTRI 2000 or NTRI 2007). Professional roles and responsibilities in nutrition, dietetics, and wellness with emphasis on careers professional development and conduct. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 3560 EXPERIMENTAL STUDY OF FOODS (4) LEC. 3. LAB. 3. Pr. (NTRI 2000 or NTRI 2007) and (BIOL 1020 or BIOL 1027) and CHEM 1030 or departmental approval. Experimental approach to the chemistry to food including composition, preparation, recipe modification, food quality, sanitation, processing, and food laws. A C or better is required in all pre-requisite courses to enroll in the course .

NTRI 3750 NUTRITION EDUCATION (2) LEC. 2. Pr. (PSYC 2010 or PSYC 2017) and (NTRI 2000 or NTRI 2007). How to design, deliver, and evaluate the types of educational interventions and programs conducted by most of nutrition educators in a variety of settings such as work, community programs, clinic, food banks, family programs, and/or schools. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 3940 COMMUNITY SERVICE (3-9) LEC. 1. LAB. 6. Departmental approval. Application of NTRI-related knowledge to real-life situations through participation in directed community service experiences. A) nutrition; B) hospitality; C) general NTRI. Course may be repeated for a maximum of 9 credit hours.

NTRI 4090 PROFESSIONAL ISSUES IN DIETETICS AND NUTRITION (1) LEC. 1. SU. Pr. NTRI 2070. NTDI or departmental approval. Senior standing. Professional issues and trends affecting dietetics and nutrition practice; planning for professional advancement; includes externship. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 4560 FOOD SYSTEMS OPERATIONS (2) LEC. 2. Pr. NTRI 2000 or Departmental approval. Principles for managing resources required in planning, purchasing, preparing and serving high quality food in food service operations. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 4561 FOOD SYSTEMS OPERATIONS LAB (2) LAB. 4. Pr. NTRI 2000 or departmental approval. Coreq. NTRI 4560. Laboratory experience in food service operations. Food safety certification is included. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 4580 FOOD AND CULTURE (2) LEC. 2. Departmental approval. Cultural and social factors affecting food habits and nutritional status of populations throughout the world.

NTRI 4620 PUBLIC HEALTH NUTRITION (3) LEC. 3. Pr. NTRI 4820 and NTRI 4830. Population-focused approaches that facilitate healthy diets through policy development and environmental changes. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 4820 MACRONUTRIENTS (3) LEC. 3. Pr. (NTRI 2000 or NTRI 2007) and BCHE 3180 and P/C BIOL 2510 or departmental approval. Physiological and biochemical basis for energy-yielding nutrients; structure, function, dietary requirements, digestion, absorption, transport and metabolism of macronutrients. A C or better is required in all pre-requisite courses to enroll in the course

NTRI 4830 VITAMINS AND MINERALS (3) LEC. 3. Pr. (NTRI 2000 or NTRI 2007) and BCHE 3180 and P/C BIOL 2510. Metabolism, dietary needs, deficiency symptoms and food sources of vitamins and minerals in humans. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 4930 DIRECTED STUDIES (1-8) AAB/IND. Departmental approval. Independent reading or research in a content area of special interest; supervised by a faculty member. Course may be repeated for a maximum of 8 credit hours.

NTRI 4970 SPECIAL TOPICS (1-3) LEC. Departmental approval. A) Nutrition, B) Hotel and Restaurant Management. A course offering unique or current issues not covered in a regularly scheduled course. Course may be repeated for a maximum of 6 credit hours.

NTRI 4980 UNDERGRADUATE RESEARCH AND STUDY (1-9) IND. Departmental approval. Directed research under faculty supervision. Course may be repeated for a maximum of 9 credit hours.

NTRI 4997 HONORS THESIS (1-3) IND. SU. Pr. Honors College. Departmental approval. Research in specialized topics. Course may be repeated for a maximum of 3 credit hours.

NTRI 5020 MEDICAL NUTRITION I (4) LEC. 3. LAB. 2. Pr. NTRI 4820 and NTRI 4830. NTDI or departmental approval Applications of nutrition assessment and medical nutrition therapy to the pathophysiological changes associated with endocrine and gastrointestinal disorders. May count either NTRI 5020 or NTRI 6020. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 5030 MEDICAL NUTRITION II (4) LEC. 3. LAB. 2. Pr. NTRI 5020 or NTRI 6020. NTDI or departmental approval. Medical nutrition therapy for diseases of the cardiovascular, renal, and respiratory systems; oncology; critical care; and conditions of infancy/childhood. May count either NTRI 5030 or NTRI 6030. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 5100 NUTRITION IN DISEASE PREVENTION (2) LEC. 2. Pr. P/C NTRI 4820 and P/C NTRI 4830. The functions, safety, and efficacy of selected nutrients and herbs in the prevention and/or treatment of selected diseases/conditions. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 5380 STUDY/TRAVEL IN NUTRITIONAL SCIENCES (1-6) AAB/FLD. Pr. BIOL 1030. Departmental approval. Concentrated study in nutritional sciences in international locations. Course may be repeated for a maximum of 6 credit hours.

NTRI 5560 NUTRITION AND FOOD SERVICE MANAGEMENT (3) LEC. 3. Pr. P/C NTRI 4560 and P/C NTRI 4561. Organization, management and marketing of food and nutrition service systems in health care facilities. Credit will not be given for both NTRI 5560 and NTRI 6560. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 5760 NUTRITION COUNSELING (2) LEC. 2. Pr. P/C NTRI 3750 and (P/C NTRI 5030 or P/C NTRI 6030) or departmental approval. Application of counseling techniques, with an emphasis on Motivational Interviewing, to facilitate behavior change. May count either NTRI 5760 or NTRI 6760. A C or better is required in all pre-requisite courses to enroll in the course NTDI

NTRI 5820 NUTRITION IN THE LIFE CYCLE (3) LEC. 3. Pr. NTRI 4830 and NTRI 4820. Departmental approval. Metabolic and clinical aspects of nutrition during key periods of the life cycle emphasizing pregnancy, infancy, adolescence and late adulthood. Credit will not be given for both NTRI 5820 and NTRI 6820. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 5830 NUTRITIONAL GENOMICS (3) LEC. 3. Pr. NTRI 4820 and NTRI 4830. Principles of nutrient-gene interactions and how these interactions influence human health and disease. May count either NTRI 5830 or NTRI 6830. A C or better is required in all pre-requisite courses to enroll in the course.

NTRI 5910 CLINICAL PRACTICUM IN DIETETICS (1) PRA. 3. SU. NTDI or department approval. Application of the practice of dietetics in a clinical or community setting.

NTRI 6020 MEDICAL NUTRITION I (4) LEC. 3. LAB. 2. Pr. NTRI 4820. Applications of nutrition assessment and medical nutrition therapy to the pathophysiological changes associated with endocrine and gastrointestinal disorders. May count either NTRI 5020 or NTRI 6020. A "C" or better is required in all pre-requisite courses to enroll in the course.

NTRI 6030 MEDICAL NUTRITION II (4) LEC. 3. LAB. 2. Pr. NTRI 5020 or NTRI 6020 or departmental approval. Medical nutrition therapy for diseases of the cardiovascular, renal, and respiratory systems; oncology; critical care; and conditions of infancy/childhood. May count either NTRI 5030 or NTRI 6030. A "C" or better is required in all pre-requisite courses to enroll in the course. NTDI

NTRI 6100 NUTRITION IN DISEASE PREVENTION (2) LEC. 2. Pr. (NTRI 5820 or NTRI 6820) and (NTRI 5830 or NTRI 6830). The functions, safety, and efficacy of selected nutrients herbs in the prevention and/or treatment of selected diseases/conditions. A "C" or better is required in all pre-requisite courses to enroll in the course.

NTRI 6380 STUDY/TRAVEL IN NUTRITION, DIETETICS AND HOSPITALITY MANAGEMENT (1-6) AAB/FLD. Departmental approval. Concentrated study in nutrition, food science, or hotel and restaurant management in the US or international locations. Course may be repeated for a maximum of 6 credit hours.

NTRI 6560 NUTRITION AND FOOD SERVICE MANAGEMENT (3) LEC. 3. Pr. NTRI 4560 and NTRI 4561. Organization, management and marketing of food and nutrition service systems in health care facilities. Credit will not be given for both NTRI 6560 and NTRI 5560. A "C" or better is required in all pre-requisite courses to enroll in the course.

NTRI 6760 NUTRITION COUNSELING (2) LEC. 2. Pr. P/C NTRI 3750 and (P/C NTRI 5030 or P/C NTRI 6030). Coreq. NTRI 6030 and NTRI 5030. Application of counseling techniques, with an emphasis on Motivational Interviewing, to facilitate behavior change. May count either NTRI 5760 or NTRI 6760. A "C" or better is required in all pre-requisite courses to enroll in the course.

NTRI 6820 NUTRITION IN THE LIFE CYCLE (3) LEC. 3. Pr. NTRI 4820 and NTRI 4830. Departmental approval. Metabolic and clinical aspects of nutrition during key periods of the life cycle emphasizing pregnancy, infancy, adolescence and late adulthood. Credit will not be given for both NTRI 6820 and NTRI 5820. A "C" or better is required in all pre-requisite courses to enroll in the course.

NTRI 6830 NUTRITIONAL GENOMICS (3) LEC. 3. Pr. NTRI 4820. Principles of nutrient-gene interactions and how these interactions influence human health and disease. A "C" or better is required in all pre-requisite courses to enroll in the course.

NTRI 7010 ADVANCED PRACTICUM IN DIETETICS (1-9) DSL/LEC. SU. DPD verification statement. Enrollment in Masters in Nutrition Program or department approval. Supervised practical experience in clinical, food service, and community settings for development of entry-level skills for the registered dietitian. Course may be repeated for a maximum of 9 credit hours.

NTRI 7050 METHODS OF RESEARCH (2) LEC. 2. Departmental approval. Research methods and designs applicable to disciplines represented in nutrition dietetics and hospitality management.

NTRI 7280 LABORATORY METHODS IN FOOD SCIENCE AND NUTRITION (3) LEC. 2. LAB. 3. Departmental approval. Modern laboratory techniques and instruments used in human nutrition and food science research.

NTRI 7500 MINERALS (3) LEC. 3. Departmental approval. Sources, digestion, absorption, transport, function and metabolism of major and trace minerals in the human body.

NTRI 7510 VITAMINS (3) LEC. 3. Departmental approval. Advanced study of metabolism, requirements, interactions and deficiencies of the fat and water soluble vitamins as related to humans.

NTRI 7520 MACRONUTRIENTS: INTEGRATION AND METABOLISM (4) LEC. 4. Advanced study of energy metabolism, digestion, absorption, transport and integrative metabolism of macronutrients.

NTRI 7530 HUMAN NUTRIENT METABOLISM (4) LEC. 4. Advanced study of nutrition and metabolism, as related to humans. Department approval. Credit will not be given for both NTRI 7530 or NTRI 7536 once developed, or BCHE 6180 and BCHE 6190, and/or BCHE 7200.

NTRI 7620 SPORTS NUTRITION (3) LEC. 3. In-depth analysis of the relationships between energy, carbohydrates, proteins, lipids, fluids, vitamins, minerals, body weight and composition, ergogenic aids and physical performance.

NTRI 7850 RESEARCH SEMINAR FOR MASTER'S PROGRAM (1) DSL/SEM. 1. Departmental approval. Current topics in nutrition, dietetics and hospitality management presented by M.S. graduate students.

NTRI 7910 PRACTICUM IN NUTRITION AND DIETETICS (1-12) PRA. SU. Departmental approval. Application of principles and theories of nutrition in a professional setting. No more than three hours may count toward a graduate degree. Course may be repeated for a maximum of 12 credit hours.

NTRI 7930 ADVANCED INDEPENDENT STUDY (1-6) DSL/IND. Departmental approval. Advanced reading or research approved and supervised by a faculty member. Course may be repeated for a maximum of 6 credit hours.

NTRI 7960 SPECIAL PROBLEMS (1-5) DSL/IND. Departmental approval. Critical analysis of classic and current research. Course may be repeated for a maximum of 10 credit hours.

NTRI 7980 NONTHESIS RESEARCH (1-6) DSL/RES. SU. Departmental approval. In-depth work in a particular project related to hotel and restaurant management. Course may be repeated for a maximum of 6 credit hours.

NTRI 7990 RESEARCH AND THESIS (1-10) MST. Departmental approval. Research in an area of specialization. Course may be repeated with change in topics.

NTRI 8850 RESEARCH SEMINAR FOR DOCTORAL PROGRAM (1-2) SEM. Departmental approval. Required for doctoral students in nutrition and hospitality management. Advanced topics in nutrition and food science presented by doctoral students. Course may be repeated for a maximum of 2 credit hours.

NTRI 8910 SUPERVISED TEACHING (1) AAB/IND. 1. Departmental approval. Practical experience teaching in the classroom. Course may be repeated for a maximum of 3 credit hours.

NTRI 8970 ADVANCED TOPICS IN NUTRITION, DIETETICS AND HOSPITALITY MANAGEMENT (1-6) DSL/LEC. Departmental approval. A) Nutrition, B) Hotel and Restaurant Management. Course may be repeated for a maximum of 6 credit hours.

NTRI 8990 RESEARCH AND DISSERTATION (1-10) AAB/DSR. Departmental approval. Research in an area of specialization. Course may be repeated with change in topics.