Nutrition - NTRI

Courses


NTRI 2010 BASIC SPORTS NUTRITION (3) LEC. 3. Pr. (BIOL 1020 or BIOL 1027) or (NTRI 2000 or NTRI 2003 or NTRI 2007 or NUFS 2000 or NUFS 2003 or NUFS 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.

NTRI 2070 CAREERS IN NUTRITION, DIETETICS AND WELLNESS (1) LEC. 1. Pr. NTRI 2000 or NTRI 2003 or NTRI 2007 or NUFS 2000 or NUFS 2003 or NUFS 2007. Professional roles and responsibilities in nutrition, dietetics, and wellness with emphasis on careers professional development and conduct.

NTRI 3380 STUDY ABROAD OPPORTUNITIES IN HUMAN SCIENCES (1) LEC. 1. Exploration of study abroad opportunities for students interested in the International Minor in Human Sciences.

NTRI 3560 EXPERIMENTAL STUDY OF FOODS (4) LEC. 3. LAB. 3. Pr. (NTRI 2000 or NTRI 2003 or NTRI 2007) or (NUFS 2000 or NUFS 2003 or NUFS 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.

NTRI 3750 NUTRITION EDUCATION (2) LEC. 2. Pr. (PSYC 2010 or PSYC 2013 or PSYC 2017) and (NTRI 2000 or NTRI 2003 or NTRI 2007) or (NUFS 2000 or NUFS 2003 or NUFS 2007). A variety of perspectives and strategies designed to facilitate dietary behaviors conducive to health and well-being.

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 or NTRI 2077. NTDI or departmental approval. Junior standing. Professional issues and trends affecting dietetics and nutrition practice; planning for professional advancement; includes externship.

NTRI 4560 FOOD SYSTEMS OPERATIONS (2) LEC. 2. Pr. NTRI 2050 or NTRI 3560 or NUFS 2050 or NUFS 3560 or Departmental approval. Principles for managing resources required in planning, purchasing, preparing and serving high quality food in food service operations.

NTRI 4561 FOOD SYSTEMS OPERATIONS LAB (2) LAB. 4. Pr. NTRI 2050 or NTRI 3560 or Departmental approval. Coreq. NTRI 4560. Laboratory experience in food service operations. Food safety certification is included. TB test.

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. STAT 2510 or STAT 2513. Coreq. NTRI 5820. Population-focused approaches that facilitate healthy diets through policy development and environmental changes.

NTRI 4820 MACRONUTRIENTS (3) LEC. 3. Pr. (NTRI 2000 or NTRI 2003 or NTRI 2007 or NUFS 2000 or NUFS 2003 or NUFS 2007) and P/C BCHE 3180 and BIOL 2510 or Departmental approval. Physiological and biochemical basis for energy-yielding nutrients; structure, function, dietary requirements, digestion, absorption, transport and metabolism of macronutrients. Spring.

NTRI 4830 VITAMINS AND MINERALS (3) LEC. 3. Pr. (NTRI 2000 or NTRI 2003 or NTRI 2007 or NUFS 2000 or NUFS 2003 or NUFS 2007) and P/C BCHE 3180. Metabolism, dietary needs, deficiency symptoms and food sources of vitamins and minerals in humans. Spring.
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) AAB/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. Coreq. NTRI 4090. 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.

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.

NTRI 5100 NUTRITION IN DISEASE PREVENTION (2) LEC. 2. Pr. (NTRI 4820 or NUFS 4820 or NUFS 4830 or NUFS 4833) and NTRI 4830. The functions, safety, and efficacy of selected nutrients and herbs in the prevention and/or treatment of selected diseases/conditions.

NTRI 5380 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 5560 NUTRITION AND FOOD SERVICE MANAGEMENT (3) LEC. 3. Pr. (P/C NTRI 4560 or P/C NTRI 4561) or Departmental approval. 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. Spring.

NTRI 5620 SPORTS NUTRITION (3) LEC. 3. Pr. BIOL 2510 and BCHE 3180. Departmental approval. Relationships between energy, carbohydrates, proteins, fluids, vitamins, minerals, body weight, ergogenic aids and physical performance. Credit will not be given for both NTRI 5620 and NTRI 6620. Spring.

NTRI 5760 NUTRITION COUNSELING (2) LEC. 2. Pr. NTRI 3750 and (P/C NTRI 5030 or P/C NTRI 6030). NTDI or department approval. Application of counseling techniques, with an emphasis on Motivational Interviewing, to facilitate behavior change. May count either NTRI 5760 or NTRI 6760.

NTRI 5820 NUTRITION IN THE LIFE CYCLE (3) LEC. 3. Pr. NTRI 4830 or NUFS 4830 or NUFS 4833. 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. Fall.

NTRI 5830 NUTRITIONAL GENOMICS (3) LEC. 3. Pr. (NTRI 4820 or NUFS 4820 or NUFS 4830 or NUFS 4833) 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.

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 or NUFS 4820 or NUFS 4830 or NUFS 4833) and NTRI 4830. 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.

NTRI 6030 MEDICAL NUTRITION II (4) LEC. 3. LAB. 2. Pr. (NTRI 5020 or NTRI 6020). Coreq. NTRI 6760. 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.
NTRI 6100/6106 NUTRITION IN DISEASE PREVENTION (2) LEC. 2. Pr. (NTRI 5820 or NUFS 5820 or NUFS 4830 or NUFS 4833) and NTRI 4830. The functions, safety, and efficacy of selected nutrients herbs in the prevention and/or treatment of selected diseases/conditions. May count either NTRI 5100 or NTRI 6100.

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 6560/6566 NUTRITION AND FOOD SERVICE MANAGEMENT (3) LEC. 3. Pr. NTRI 4560 or NTRI 4561 or Departmental approval. 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. Spring.

NTRI 6620 SPORTS NUTRITION (3) LEC. 3. Pr. BIOL 2510 and BCHE 3180. Departmental approval. Relationships between energy, carbohydrates, proteins, fluids, vitamins, minerals, body weight, ergogenic aids and physical performance. Credit will not be given for both NTRI 6620 and NTRI 5620. Spring.

NTRI 6760 NUTRITION COUNSELING (2) LEC. 2. Pr. NTRI 3750 and NUFS 3750. Coreq. NTRI 5030 and NTRI 6030. Application of counseling techniques, with an emphasis on Motivational Interviewing, to facilitate behavior change. May count either NTRI 5760 or NTRI 6760.

NTRI 6820/6826 NUTRITION IN THE LIFE CYCLE (3) LEC. 3. Pr. NTRI 4830 or NUFS 4830 or NUFS 4833. 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. Fall.

NTRI 7016 ADVANCED PRACTICUM IN DIETETICS (1-9) DSL. 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 7050/7056 METHODS OF RESEARCH (2) LEC. 2. Departmental approval. Research methods and designs applicable to disciplines represented in nutrition dietetics and hospitality management. Credit is not allowed for both NTRI 7050 and NTRI 7056. Spring.

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 7500/7506 MINERALS (3) LEC. 3. Departmental approval. Sources, digestion, absorption, transport, function and metabolism of major and trace minerals in the human body. Fall.

NTRI 7510/7516 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. Fall.


NTRI 7530/7536 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 7850/7856 RESEARCH SEMINAR FOR MASTER’S PROGRAM (1) 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 7930/7936 ADVANCED INDEPENDENT STUDY (1-6) 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 7960/7966 SPECIAL PROBLEMS (1-5) IND. Departmental approval. Critical analysis of classic and current research. Course may be repeated for a maximum of 10 credit hours.
NTRI 7980/7986 NONTHESIS RESEARCH (1-6) 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 8970/8976 ADVANCED TOPICS IN NUTRITION, DIETETICS AND HOSPITALITY MANAGEMENT (1-6) 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.