

NUTRITION AND DIETETICS (NDT)

Nutrition and Dietetics (NDT) Courses

NDT 2043. Introduction to Nutritional Sciences. (3-0) 3 Credit Hours.

Prerequisite: BIO 1233 or BIO 1203. Basic concepts related to the classification and functions of nutrients; the process of digestion, absorption, transport, utilization, and storage of nutrients in humans and the interaction between diet and health. May be applied toward the Core Curriculum requirement in Life and Physical Sciences. Generally offered: Fall, Spring, Summer. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

NDT 3191. Applied Food Science Practicum. (0-3) 1 Credit Hour.

Prerequisite: Dietetics majors only, MMI 1053, CHE 1103, CHE 1113, and NDT 2043 or equivalent; completion of or concurrent enrollment in NDT 3313 or permission of faculty advisor. The application of concepts related to the chemical, physical, sensory, and nutritional properties of food in menu planning, food preparation, and recipe modification. Generally offered: Fall. Course Fee: DNMF \$225; LRHC \$10; STHC \$6; DL01 \$25.

NDT 3203. Introduction to Nutrition and Dietetics Careers. (3-0) 3 Credit Hours.

Prerequisite: Dietetics majors only. General overview of nutrition and dietetics as a profession, including career opportunities, scope of practice, credentialing, code of ethics, and collaboration with other disciplines. Self-directed modules on medical terminology, word roots, prefixes and suffixes will be integrated into the course content. Generally offered: Fall. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

NDT 3292. Food Production Practicum. (0-6) 2 Credit Hours.

Prerequisite: Dietetics majors only; completion of or concurrent enrollment in NDT 3353 or permission of faculty advisor. Practicum related to the procurement, preparation, and delivery of food in large foodservice operations. Generally offered: Spring. Course Fee: DNPF \$40; LRHC \$10; STHC \$12.

NDT 3313. Applied Food Science. (3-0) 3 Credit Hours.

Prerequisite: Dietetic majors only, MMI 1053, CHE 1103, CHE 1113, and NDT 2043 or equivalent; concurrent enrollment in NDT 3191 is recommended. Concepts related to the chemical, physical, sensory, and nutritional properties of food in menu planning, food preparation, and recipe modification. Generally offered: Fall. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

NDT 3323. Nutrition and Health Assessment. (3-0) 3 Credit Hours.

Prerequisite: Dietetics majors only, NDT 2043 or equivalent. Methods, tools, and interpretation of data in assessing the nutritional status of individuals including dietary, anthropometric, biochemical, and clinical assessment, as well as other measurements of health in individuals and the community. Generally offered: Spring. Course Fee: LRHC \$10; STHC \$18.

NDT 3333. Nutrition Counseling and Education. (3-0) 3 Credit Hours.

Prerequisite: Dietetics majors only, NDT 2043 or equivalent. Discussion of theories of learning and behavior modification, models and techniques, communication skills, evaluation methods, and cultural competence in nutrition counseling and education; and application of concepts to facilitate behavioral change. Generally offered: Spring. Course Fee: LRHC \$10; STHC \$18.

NDT 3343. Nutrition in the Life Span. (3-0) 3 Credit Hours.

Prerequisite: NDT 2043 or equivalent (required) and Human Physiology (recommended). Nutritional needs during various stages of the lifecycle as influenced by physiologic, cultural, and environmental factors. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

NDT 3353. Production and Foodservice System Management I. (3-0) 3 Credit Hours.

Prerequisite: NDT 3313 or NTR 3023, or equivalent; concurrent enrollment in NDT 3292 is recommended for dietetics majors. Principles related to the menu planning, food sanitation and safety, procurement, production, marketing, and materials management in foodservice operations. Generally offered: Spring. Course Fee: LRHC \$10; STHC \$18.

NDT 3413. Advanced Human Nutrition. (3-0) 3 Credit Hours.

Prerequisite: NDT 2043 or equivalent and BCH 2903 or equivalent. Advanced discussion of nutrient structure, function and interaction, metabolic pathways, and regulation and integration of metabolism. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

NDT 4091. Community Nutrition Practicum. (0-3) 1 Credit Hour.

Prerequisite: Permission of course instructor. Application of learned strategies in meaningful community service through collaborative tasks performed at various community nutrition programs. Service learning activities are aimed at enriching the life experiences of students through civic responsibility and community outreach. NDT 4333 is recommended to be taken concurrently. Course Fee: DNPF \$20; LRHC \$10; STHC \$6; DL01 \$25.

NDT 4191. Nutrition Care Process Practicum. (0-3) 1 Credit Hour.

Prerequisite: Dietetics majors only; completion of or concurrent enrollment in NDT 4353. A problem-based approach to dietetics practice using case simulations and studies; application of basic nutritional assessment skills, nutritional diagnosis, intervention, and monitoring in different settings; practice skills in counseling and nutrition education. Course Fee: DNPF \$20; LRHC \$10; STHC \$6.

NDT 4313. Production and Food Service System Management II. (3-0) 3 Credit Hours.

Prerequisite: NDT 3353, or NTR 3023, or equivalent; NDT 3292 or equivalent (dietetics majors only). Theories and principles related to the foodservice, systems management including leadership, decision-making, human resources, and financial management of operations. Course Fee: DL01 \$75; LRHC \$10; STHC \$18.

NDT 4323. Medical Nutrition Therapy I. (3-0) 3 Credit Hours.

Prerequisite: Dietetics majors only, and NDT 3323 and NDT 3333 or equivalent. Pathophysiology and the application of the nutritional care process in the treatment of simple human diseases and conditions, part 1. Course Fee: LRHC \$10; STHC \$18.

NDT 4333. Community Nutrition. (3-0) 3 Credit Hours.

Prerequisite: NDT 2043 or equivalent; consent of instructor. Nutrition-related issues in public health, various community resources, agencies, and programs involved in health promotion and disease prevention. Course Fee: LRHC \$10; STHC \$18; DL01 \$75.

NDT 4343. Nutrition in Disease Prevention and Health Promotion. (3-0) 3 Credit Hours.

Prerequisite: NDT 2043 and NDT 4333; consent of instructor. An evidence-based analysis as it relates to diet/nutrition in the prevention of chronic diseases; and fundamental concepts in the promotion of health among individuals and groups. Course Fee: LRHC \$10; STHC \$18.

NDT 4353. Medical Nutrition Therapy II. (3-0) 3 Credit Hours.

Prerequisite: Dietetics majors only, and NDT 4323. Continuation of Advanced Medical Nutrition I; and review of the pathophysiology and the application of the nutritional care process in the treatment of more complex human disease and conditions. Course Fee: LRHC \$10; STHC \$18.

NDT 4363. Current Issues in Nutrition. (3-0) 3 Credit Hours.

Prerequisites: NDT 2043 or equivalent; must have senior or graduate standing. In-depth discussion and analysis of emerging trends, concepts, and controversies in nutritional sciences, including application of evidence-based principles in the discussion. Course Fees: LRHC \$10; STHC \$18; DL01 \$75.

NDT 4911. Independent Study in Nutrition and Dietetics. (0-0) 1 Credit Hour.

Prerequisite: NDT 2043 or equivalent. An exploration of topics of interest to the student in Nutrition and Dietetics. Students work under the close supervision of a faculty member to conduct research, intense study, or a project related to the selected topic. May be repeated for credit, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. (Formerly NDT 4951. Credit cannot be earned for both NDT 4951 and NDT 4911.) Course Fee: LRHC \$10; STHC \$6.

NDT 4912. Independent Study in Nutrition and Dietetics. (0-0) 2 Credit Hours.

Prerequisite: NDT 2043 or equivalent. An exploration of topics of interest to the student in Nutrition and Dietetics. Students work under the close supervision of a faculty member to conduct research, intense study, or a project related to the selected topic. May be repeated for credit, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. (Formerly NDT 4952. Credit cannot be earned for both NDT 4952 and NDT 4912.) Course Fee: LRHC \$10; STHC \$12.

NDT 4913. Independent Study in Nutrition and Dietetics. (0-0) 3 Credit Hours.

Prerequisite: NDT 2043 or equivalent. An exploration of topics of interest to the student in Nutrition and Dietetics. Students work under the close supervision of a faculty member to conduct research, intense study, or a project related to the selected topic. May be repeated for credit, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. (Formerly NDT 4953. Credit cannot be earned for both NDT 4953 and NDT 4913.) Course Fee: LRHC \$10; STHC \$18.

NDT 4921. Undergraduate Dietetics Practicum. (0-0) 1 Credit Hour.

Prerequisite: Dietetics majors only; successful completion of undergraduate dietetics knowledge core requirements; must be in good academic standing. Supervised practice in dietetics in different settings, including clinical simulations, acute and long-term care facilities, rehabilitation and outpatient clinics, community programs, food science, and food service operations. Includes weekly seminar. Course Fee: DNPF \$20; LRHC \$10; STHC \$6.

NDT 4922. Undergraduate Dietetics Practicum. (0-0) 2 Credit Hours.

Prerequisite: Dietetics majors only; successful completion of undergraduate dietetics knowledge core requirements; must be in good academic standing. Supervised practice in dietetics in different settings, including clinical simulations, acute and long-term care facilities, rehabilitation and outpatient clinics, community programs, food science, and food service operations. Includes weekly seminar. Course Fee: DNPF \$40; LRHC \$10; STHC \$12.

NDT 4923. Undergraduate Dietetics Practicum. (0-0) 3 Credit Hours.

Prerequisite: Dietetics majors only; successful completion of undergraduate dietetics knowledge core requirements; must be in good academic standing. Supervised practice in dietetics in different settings, including clinical simulations, acute and long-term care facilities, rehabilitation and outpatient clinics, community programs, food science, and food service operations. Includes weekly seminar. Course Fee: DNPF \$60; LRHC \$10; STHC \$18.

NDT 4925. Undergraduate Dietetics Practicum. (0-0) 5 Credit Hours.

Prerequisite: Dietetics majors only; successful completion of undergraduate dietetics knowledge core requirements; must be in good academic standing. Supervised practice in dietetics in different settings, including clinical simulations, acute and long-term care facilities, rehabilitation and outpatient clinics, community programs, food science, and food service operations. Includes weekly seminar. Course Fee: DNPF \$100; LRHC \$10; STHC \$30.

NDT 4943. Special Studies in Nutrition and Dietetics. (3-0) 3 Credit Hours.

Prerequisite: Consent of Instructor. Organized course offering the opportunity for specialized study in an area of nutrition and dietetics not available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. Course Fees: LRHC \$10; STHC \$18; DL01 \$75.