NTR - Nutrition

Nutrition: NTR

Lower-Division Courses

NTR 306 (TCCN: BIOL 1322, HECO 1322). Fundamentals of Nutrition.

Essential food components and their functions in life processes. Three lecture hours a week for one semester. Only one of the following may be counted: Nutrition 306, 312, 312H. Nutrition 306 may not be counted toward a nutritional sciences degree.

NTR 307. Introductory Food Science.

Application of the principles of food chemistry to processing and preparation techniques. Three lecture hours a week for one semester. Prerequisite: For nutrition majors: Nutrition 312 or 312H with a grade of at least C-, and credit or registration for 107L; for others: Nutrition 306, 312, or 312H with a grade of at least C-.

NTR 107L. Introductory Food Science Laboratory.

Three laboratory hours a week for one semester. Prerequisite: Credit or registration for Nutrition 307.

NTR 312. Introduction to Nutritional Sciences.

Biochemical, physiological, and cellular functions of energy macronutrients, vitamins and minerals, and the scientific basis for current dietary and nutrient recommendations. Designed for science majors. Three lecture hours a week for one semester. Only one of the following may be counted: Nutrition 306, 312, 312H. Prerequisite: Chemistry 301 with a grade of at least C-; Statistics and Data Science 302, 302F, or 320E with a grade of at least C-; and credit or registration for Biology 311C and Chemistry 302.

NTR 312H. Introduction to Nutritional Sciences: Honors.

Restricted to honors eligible majors in nutritional sciences, biology, biochemistry, and students in the Dean's Scholars Honors Program. Biochemical, molecular, and cellular functions of nutrients with emphasis on primary scientific literature and current methodology. Three lecture hours a week for one semester. Only one of the following may be counted: Nutrition 306, 311, 312, 312H. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 301; and Mathematics 408C or 408n, or the equivalent; and credit or registration for Biology 311C or 315H, and Chemistry 302.

NTR 112L. Introduction to Nutritional Science Laboratory.

Collection and evaluation of dietary intake data, nutrient composition of food, and survey of dietetic practice. Three laboratory hours a week for one semester. Prerequisite: Chemistry 301 with a grade of at least C-; credit or registration for Biology 311C, Chemistry 302, and Nutrition 312; and one of the following with a grade of at least C-: Mathematics 408C, 408D, 408N, Statistics and Data Sciences 302, 304, 306, 325H, 328M.

NTR 312R. Research in Nutritional Sciences.

Restricted to honors eligible majors in nutritional sciences, biology, biochemistry, and students in the Dean's Scholars Honors Program. Introduction to biochemical and molecular biological techniques, enzyme and coenzyme assays, dietary analysis and assessment protocols, and statistical methods in nutritional sciences. Preparation of a scholarly paper and oral presentation of research findings. One lecture hour and six laboratory hours a week for one semester. Nutrition 112L and 312R may not both be counted. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 301; and Mathematics 408C or 408N, or the equivalent; and credit or registration for Biology 311C or 315H, Chemistry 302, and Nutrition 312H.

NTR 315. Nutrition through the Life Cycle.

Adapting nutrition recommendations to physiological changes throughout the life span. Three lecture hours a week for one semester. Prerequisite: Nutrition 306, 312, or 312H with a grade of at least C-.

NTR 316. Culture and Food.

Influence of culture on foodways around the world. Three lecture hours a week for one semester. Prerequisite: Nutrition 306, 312, or 312H with a grade of at least C-.

NTR 317L. Introduction to Nutrition Assessment and Education.

Explore the fundamentals of nutrition assessment, nutrition education, and behavior change theories as well as their application to the care of individuals and groups in community and clinical settings. Analyze the use of anthropometric, biochemical, clinical, and dietary intake data assessments for effective care of individuals. Identify strategies for successful development and implementation of nutrition education planning using behavior change theory as the guide for development. Two lecture hours and four laboratory hours a week for one semester. Prerequisite: Nutrition 312 with at least a grade of C-.

NTR 218. Assessment of Nutritional Status.

Assessment of nutritional status using anthropometric, biochemical, clinical, and dietary intake data, and development and implementation of effective care for individuals. Two lecture hours a week for one semester. Prerequisite: Nutrition 312 with a grade of at least C-; and credit or registration for Nutrition 118L

NTR 118L. Assessment of Nutritional Status Laboratory.

Three laboratory hours a week for one semester. Prerequisite: Credit or registration for Nutrition 218.

NTR 119S, 219S, 319S, 419S, 519S, 619S, 719S, 819S, 919S. Topics in Nutrition.

This course is used to record credit the student earns while enrolled at another institution in a program administered by the University's Study Abroad Office. Credit is recorded as assigned by the study abroad adviser in the School of Human Ecology. University credit is awarded for work in an exchange program; it may be counted as coursework taken in residence. Transfer credit is awarded for work in an affiliated studies program. May be repeated for credit when the topics vary.

Upper-Division Courses

NTR 321. International Nutrition: The Developing World.

Nutrition-related issues in the developing world, including nutrient deficiency and disease, concerns in vulnerable populations (pregnancy, infancy, childhood, and old age), and food aid. Three lecture hours a week for one semester. Prerequisite: Nutrition 306, 312, or 312H with a grade of at least C-.

NTR 324. Advanced Food Science.

Application of the principles of food chemistry to the development of food products. Three lecture hours a week for one semester. Offered in the spring semester only. Prerequisite: Chemistry 320M, Nutrition 307, 107L, and 326 with a grade of at least C- in each; and credit or registration for Nutrition 124L.

NTR 124L. Advanced Food Science Laboratory.

Individual research project on food product development and evaluation. Three laboratory hours a week for one semester. Offered in the spring semester only. Prerequisite: Credit or registration for Nutrition 324.

NTR 326. Intermediate Nutrition and Metabolism.

Integration of nutrition, genetics, cell biology, and molecular biology. Focuses on the cellular and molecular basis of nutrition-related diseases and nutrient-gene interactions. Three lecture hours and one discussion hour a week for one semester. Prerequisite: The following coursework with a grade of at least C- in each: Biology 311C and Nutrition 312; and credit or registration for Chemistry 320M.

NTR 126L. Nutritional Sciences Laboratory.

Basic laboratory techniques in nutritional sciences. Three laboratory hours a week for one semester. Prerequisite: Credit or registration for Nutrition 326.

NTR 327L. Advanced Food Science Laboratory.

Apply fundamentals of nutrition science, food science, and chemistry to scientific research in creating a novel food product for a chosen target audience. Explore food science, food research and development, fundamentals of nutrition, ingredient functionality, food product sensory evaluation, scientific inquiry, study design, and science communication. Design and execute a scientific study by engineering a unique food product, create scientific abstracts, and create and participate in scientific poster sessions. One lecture hour and five laboratory hours a week for one semester. Prerequisite: Nutrition 307, 107L, 326, and 337 with a grade of at least C-.

NTR 129S, 229S, 329S, 429S, 529S, 629S, 729S, 829S, 929S. Topics in Nutrition.

This course is used to record credit the student earns while enrolled at another institution in a program administered by the University's Study Abroad Office. Credit is recorded as assigned by the study abroad adviser in the School of Human Ecology. University credit is awarded for work in an exchange program; it may be counted as coursework taken in residence. Transfer credit is awarded for work in an affiliated studies program. May be repeated for credit when the topics vary.

NTR 330. Nutrition Education and Counseling.

Application of counseling and learning theories to the care of individuals and groups in community and clinical settings. Three lecture hours and one additional class hour a week for one semester. Prerequisite: Nutrition 315 and 326 with a grade of at least C- in each.

NTR 330L. Advanced Nutrition Assessment and Counseling.

Examine the fundamentals and application of nutrition assessment, nutrition education, counseling, and behavior change theories to the care of individuals and groups in community and clinical settings. Explore the use of nutrition focused physical exam, nutrition care process standardized language, anthropometric, biochemical, clinical, and dietary intake data assessments for effective care of individuals. Identify the implementation of nutrition counseling techniques and communication skills through the understanding of behavior change in individuals. Two lecture hours and four laboratory hours a week for one semester. Prerequisite: Nutrition 317L with a grade of at least C-; credit or registration in Nutrition 315; credit or registration in Nutrition 326

NTR 331. International Nutrition: Social and Environmental Policies.

Explores the nutritional concerns of different countries, environmental aspects of food supply, and social policies needed to balance supply with demand in a sustainable manner. Three lecture hours a week for one semester. Nutrition 331 and 360 (Topic: International Nutrition: Social and Environmental Policies) may not both be counted. Prerequisite: Upper-division standing, and Nutrition 306, 312, or 312H with a grade of at least C-.

NTR 332. Community Nutrition.

National and international issues in public health and nutrition programs. Three lecture hours a week for one semester. Prerequisite: The following coursework with a grade of at least C- in each course: Nutrition 312 or 312H; 315; and 326.

NTR 334. Foodservice Systems Management.

Procurement, production, and service delivery in foodservice systems. Three lecture hours a week for one semester. Prerequisite: For nutrition majors: Nutrition 307, 107L, and 326 with a grade of at least C- in each, and credit or registration for Nutrition 234L; for others: Nutrition 307 with a grade of at least C-, and one of the following with a grade of at least C-: Nutrition 306, 312, or 312H.

NTR 234L. Laboratory in Foodservice Systems.

Six laboratory hours a week for one semester. Prerequisite: Credit or registration for Nutrition 334.

NTR 337. Principles of Epidemiology in Nutritional Sciences.

Introduction the role of epidemiology methods as the basis for selection of study design and data collection tools in nutrition research such as dietary tools, biomarkers of diet or disease, and anthropometric measurements like obesity. Emphasis on interpretation of study results in nutrition research. Three lecture hours per week for one semester. Offered on the letter-grade basis only. Prerequisite: Credit with a grade of at least C- or registration for Nutrition 312H or 326, and one of the following with a grade of at least C-: Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 304 (or Statistics and Scientific Computation 304), 306 (or Statistics and Scientific Computation 306), 325H (or Statistics and Scientific Computation 325H), or 328M (or Statistics and Scientific Computation 328M).

NTR 338H. Issues in Nutrition and Health: Honors.

Restricted to honors majors in biology, biochemistry, and nutritional sciences, and students in the Dean's Scholars honors program. Identifying, reading, analyzing, writing, and presenting scientific research on selected subjects in nutrition and human health. Detailed literature review as preparation for an honors research thesis. Three lecture hours a week for one semester. Nutrition 338H and 338W may not both be counted. Prerequisite: Biology 325 or 325H; Nutrition 312H and 312R; one of the following: Statistics and Data Sciences 302, 303, 304, 305, or 325H; and credit or registration for Biology 365S.

NTR 338W. Issues in Nutrition and Health.

Identifying, reading, analyzing, writing, and presenting scientific research on selected topics in nutrition and human health. Three lecture hours a week for one semester. Nutrition 338H and 338W may not both be counted. Prerequisite: Upper-division standing; Nutrition 126L and 326 with a grade of at least C- in each; and one of the following with a grade of at least C-: Statistics and Data Sciences 302, 302F, or 320E.

NTR 339L. Experimental Methods and Design in Nutritional Sciences.

Explore nutritional sciences methods and research. Examine overall study design, observational and intervention studies, animal and cell-based research in nutritional sciences, nutritional research assessment methods (such as dietary assessment and biomarkers), and research ethics. Practice assessing and interpreting research findings to evaluate scientific research in nutritional sciences and nutritional epidemiology. Three lecture hours a week for one semester Prerequisite: Nutrition 126L

and 326 with a grade of at least C-, and credit or registration for Statistics and Data Sciences 324E

NTR 342. Advanced Nutritional Sciences.

Biochemical and molecular biological aspects of carbohydrate, fat, and amino acid metabolism. Three lecture hours and one discussion hour a week for one semester. Prerequisite: Upper-division standing; and Nutrition 326 and Biology 325 with a grade of at least C- in each; and credit or registration for Biochemistry 369.

NTR 343. Vitamins and Minerals.

Biomedical, cellular and molecular, and clinical aspects of vitamins, minerals, and water. Three lecture hours a week for one semester. Only one of the following may be counted: Nutrition 343, 344, 365 (Topic 1). Prerequisite: Upper-division standing and Nutrition 342 with a grade of at least C-.

NTR 144M. Advanced Nutrition II Laboratory.

Advanced laboratory techniques in nutrition assessment and research. Three laboratory hours a week for one semester. Offered in the spring semester only. Prerequisite: Consent of instructor.

NTR 245C. Clinical Practice in Medical Nutrition Therapy I.

Application of principles of medical nutrition therapy to the care of clients in the practice setting. Nine hours of supervised practice a week for one semester. Prerequisite: Nutrition 370 with a grade of at least C-, credit or registration for Nutrition 371, and admission to the Coordinated Program in Dietetics.

NTR 345M. Clinical Practice in Medical Nutrition Therapy II.

Application of principles of medical nutrition therapy to the care of patients in health care facilities. Forty hours of supervised practice a week for four weeks. Prerequisite: Nutrition 245C and 371 with a grade of at least C- in each. Students must register for Nutrition 372C in the same semester.

NTR 152, 252, 352. Field Experience in Nutrition.

For each semester hour of credit earned, three field placement hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Approval of application for field experience. Applications are available in the department office.

NTR 353. Field Experience in International Nutrition.

Supervised study abroad experience designed to help students understand nutrition science issues, applications, related health care practices in a global environment, and other cultures. Students work in schools, hospitals, or similar settings to gain professional experience with food science and dietetics. Five lecture hours and ten field hours a week for five weeks. Prerequisite: Nutrition 306, 312, or 312H with a grade of at least C-; and approval of an application to study abroad.

NTR 155, 255, 355, 455. Undergraduate Research in Nutrition.

Supervised individual undergraduate research in nutrition. For each semester hour of credit earned, at least three laboratory hours a week for one semester. May be repeated for credit, but no more than four semester hours may be counted toward a degree in nutrition. Any additional hours must be taken on the pass/fail basis. Nutrition 355 and 355H may not both be counted. Prerequisite: Consent of instructor.

NTR 355H. Honors Research.

Restricted to honors eligible majors in nutritional sciences, biology, biochemistry, and students in the Dean's Scholars Honors Program. Research in biological, biochemical, or nutritional science, coordinated with readings of scientific literature, and a written research report for each semester in which credit is sought. Nutrition 355 and 355H may not both be counted. May be repeated for credit, but no more than nine semester hours may be counted toward the major in nutrition. Any additional hours must be taken on the pass/fail basis. Prerequisite: Biology 325 or 325H; Nutrition 312H and 312R; and approval of research supervisor.

NTR 355M. Advanced Food Systems Management.

Financial control, quality assurance, personnel administration, foodservice equipment, layout and design in foodservice operations. Analysis and evaluation of an organized foodservice operation. Three lecture hours and four hours of supervised practice a week for one semester. Prerequisite: Accounting 310F or 311, and Nutrition 334 and 234L, with a grade of at least C- in each.

NTR 360. Selected Topics in Applied Nutrition.

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

NTR 162. Standards, Ethics, and Credentialing for Dietetic Practice.

Identification of standards and discussion of current issues in ethics and credentialing for dietetics practice. One lecture hour a week for one semester. Prerequisite: Credit or registration for Nutrition 218 and 118L.

NTR 365. Selected Topics in Nutritional Sciences.

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

Topic 2: Nutrition and Genes. Interactions between nutrients and gene expression, including heredity, gene regulation, metabolic disease, developmental abnormalities, and molecular techniques. Additional prerequisite: Biology 325, 365S, and Nutrition 342, with a grade of at least C- in each.

Topic 4: Obesity and Metabolic Health. Examines the prevalence, prevention, and treatment of adult and childhood obesity, and the metabolic disorders related to obesity. Prerequisite: Biology 365S, and Nutrition 312 or 312H with a grade of at least C-.

Topic 5: Principles and Applications in Community Engagement. Implement community engagement activities, such as gardening, cooking, and nutrition lessons within a school or other community environment with the goal of improving nutrition and health. Explore evidence-based nutrition programs, such as fundamental principles of food gardening with an emphasis on central Texas, application of skills in the university teaching garden and school gardens, and application of nutrition curriculum in a school setting. Additional prerequisite: Nutrition 312 and Nutrition 326 with a grade of at least C-.

Topic 6: Sports Nutrition. Explore the physiology of sports nutrition as well as its practical application such as summarizing physiological adaptations to exercise, and describing energy systems. Examine the role of sport specific body weight, composition measurement, and estimate macronutrient/hydration needs for athletes of different sports. Three lecture hours a week for one week. Nutrition 365 (Topic: Sports Nutrition) and 365 (Topic 6) may not both be counted.

NTR 365L. Experiential Learning in Community Engagement.

Implement hands-on community engagement activities, such as gardening, cooking, and nutrition lessons through the experiential learning laboratory within community/school settings to improve nutrition and health and decrease the incidence of chronic diseases. Apply the fundamental principles of nutrition through activities such as food gardening to planting to maintaining a school garden; work within school cultures/constraints to improve the school nutrition/gardening culture; apply effective communication, classroom management/ engagement, and teaching skills in working with the public, community

leaders, and administrators; and evaluate nutrition programs in schools. Five laboratory hours a week for one semester. Prerequisite: Nutrition 365 (Topic 5) with a grade of at least C-.

NTR 366L. Research Methods in Nutritional Sciences.

Focuses on state-of-the-art research in nutrition, including biochemistry and molecular biological techniques for nutrient-gene interactions, enzyme and coenzyme functions, and nutrient analysis of biologic materials. Includes data analysis and statistical methods. One lecture hour and six laboratory hours a week for one semester. Prerequisite: Nutrition 126L with a grade of at least C-.

NTR 167. Undergraduate Seminar in Nutritional Sciences.

One lecture hour a week for one semester. Prerequisite: Upper-division standing.

NTR 370. Medical Nutrition Therapy I.

The role of nutrition in prevention and treatment of chronic disease such as diabetes and heart disease. Three lecture hours a week for one semester. Prerequisite: Nutrition 326 with a grade of at least a C-; and credit with a grade of at least C- or registration for the following: Biology 365S, Biochemistry 369, and Nutrition 218 and 118L.

NTR 371. Medical Nutrition Therapy II.

Nutritional care of critically ill patients, including techniques of nutrition support. Three lecture hours a week for one semester. Prerequisite: Nutrition 326 with a grade of at least a C-; and credit with a grade of at least C- or registration for the following: Biology 365S, Biochemistry 369, and Nutrition 218 and 118L.

NTR 372C. Practicum in Clinical Dietetics.

Supervised practice in health care facilities. Forty hours of supervised practice a week for four weeks. Prerequisite: Admission to the Coordinated Program in Dietetics. Students must register for Nutrition 345M in the same semester.

NTR 372F. Practicum in Food Services Systems Management.

Supervised practice in food service facilities. Forty hours of supervised practice a week for four weeks. Prerequisite: Nutrition 245C and 355M with a grade of at least C- in each, and admission to the Coordinated Program in Dietetics. Students must register for Nutrition 373S in the same semester.

NTR 373S. Practicum in Dietetic Administration.

Supervised practice in the administration of food and nutrition programs. Forty hours of supervised practice a week for three weeks. Prerequisite: Admission to the Coordinated Program in Dietetics. Students must register for Nutrition 372F in the same semester.

NTR 374C. Practicum in Community Dietetics.

Supervised practice in one or more community-based nutrition programs. Forty hours of supervised practice a week for five weeks. Prerequisite: Nutrition 345M, 372C, 372F, and 373S with a grade of at least C- in each; and admission to the Coordinated Program in Dietetics.

NTR 374P. Advanced Practicum in Dietetics.

Culminating experience in the practice of administrative, clinical, or community dietetics. Forty hours of supervised practice a week for five weeks. Prerequisite: Nutrition 345M, 372C, 372F, and 373S with a grade of at least C- in each; and admission to the Coordinated Program in Dietetics.

NTR 379H. Honors Tutorial Course.

Supervised individual research on a special topic in nutrition; oral presentation and preparation of a scholarly paper covering the research. May be based on laboratory, library, or field research. Conference course. May be taken twice for credit. May be repeated for credit. Prerequisite: Consent of the student's research supervisor and the departmental honors adviser.

Graduate Courses

NTR 380K. Research Methods in Nutritional Sciences.

One lecture hour and six laboratory hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing in nutrition, or graduate standing and consent of instructor.

Topic 1: Experimental Nutrition.
Topic 2: Nutritional Immunology.
Topic 3: Experimental Design and Statistics.
Topic 4: Advanced Experimental Design and Statistics. Additional prerequisite: Nutrition 380K (Topic 3) or consent of instructor.
Topic 5: Carcinogenesis.
Topic 6: Nutritional Biochemistry.

NTR 390. Recent Advances in Nutritional Sciences.

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.

Topic 1: Advances in Nutritional Sciences I. Required of all graduate students in nutrition.
Topic 2: Carbohydrates and Fiber.
Topic 3: Lipids.
Topic 4: Vitamins and Minerals.
Topic 5: Minerals.
Topic 6: Molecular Nutritional Sciences.
Topic 7: Advances in Nutritional Sciences II. Required of all graduate students in nutrition.
Topic 8: Clinical Nutrition. Additional prerequisite: Nutrition 370 or the equivalent or consent of instructor.
Topic 10: Geriatric Nutrition and Metabolism. Study of how aging influences nutrient requirements and metabolism at the biochemical and molecular level. Discussion of dietary changes to offset the effects of aging and to improve quality of life.
Topic 12: Nutritional Immunology. Nutrition 390 (Topic 9) and 390 (Topic 12) may not both be counted.
Topic 13: Nutrigenomics. Examine the interactions between nutrition and multi-level "omics" (e.g., genome, transcriptome, methylome) as they relate to chronic disease and health. Includes a focus on gene-diet interactions in the context of population genetic variation and the bidirectional molecular interactions that influence gene and protein expression as well as epigenetic modification. Nutrition 390 (Topic 11) and 390 (Topic 13) may not both be counted.
Topic 14: Theories of Nutrition Behavior. Explore and examine nutrition-related behavior through the application of health behavior theories and models. Includes theories such as the Health Belief Model, Theory of Planned Behavior, Social Cognitive Theory, Diffusion of Innovations, Transtheoretical Model, Social Support, and Social Ecological Model. Investigate theoretical constructs, benefits and limitations of each theory/model, considerations needed for unique populations or behaviors, and how to develop a theory-based program plan. Nutrition 390 (Topic: Theories of Nutrition Behavior) and 390 (Topic 14) may not both be counted.
Topic 15: Principles of Epidemiology in Nutritional Sciences. Examine the role of epidemiological methods as the basis for selection of study design and data collection tools in nutrition research such as dietary tools, biomarkers of diet or disease, and anthropometric

measurements like obesity. Examine the interpretation of study results in nutrition research. Nutrition 390 (Topic: Prin Epidemiology in Nutr Sci) and 390 (Topic 15) may not both be counted.

NTR 392. Research Problems in Nutritional Sciences.

One lecture hour and six laboratory hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.

Topic 2: Nutrient Requirements.
Topic 3: Nutrition and Cancer.
Topic 4: Nutrition and Immunology.
Topic 5: Food Sciences.
Topic 6: Clinical Nutrition.
Topic 7: Nutrition Education.
Topic 8: Developmental Nutrition.
Topic 9: Foodservice Systems.
Topic 10: Nutrition and Metabolism.
Topic 11: Obesity.
Topic 12: Nutrition as Medicine. Nutrition 392 (Topic 1) and 392 (Topic 12) may not both be counted.
Topic 13: Nutrition and Disease Prevention. Explore the role of nutrition as a critical preventive measure for both acute and chronic disease. Examine and evaluate the current research supporting the role of nutrition as a preventative therapy. Nutrition 392 (Topic: Nutrition/Disease Prevention) and 392 (Topic 13) may not both be counted.

NTR 194, 294, 394. Graduate Seminar in Nutritional Sciences.

One, two, or three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.

Topic 2: Clinical Nutrition.
Topic 3: Molecular and Cellular Nutrition.
Topic 4: Nutrition, Immunology, and Disease.
Topic 5: Nutrition through the Life Cycle.
Topic 6: Study Design and Research Methods. Nutrition 194, 294, 394 (Topic 1) and Nutrition 194, 294, 394 (Topic 6) may not both be counted.

NTR 397C, 697C. Conference Course in Nutritional Sciences.

For 397C, one lecture hour and six laboratory hours a week for one semester; for 697C, two lecture hours and twelve laboratory hours a week for one semester. May be repeated for credit. Offered on the credit/no credit basis only. Prerequisite: Graduate standing and consent of instructor.

NTR 698. Thesis.

The equivalent of three lecture hours a week for two semesters. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in nutrition and consent of the graduate adviser; for 698B, Nutrition 698A.

NTR 398R. Master's Report.

Preparation of a report to fulfill the requirement for the master's degree under the report option. The equivalent of three lecture hours a week for one semester. Offered on the credit/no credit basis only. Prerequisite: Graduate standing in nutrition and consent of the supervising professor.

NTR 398T. Supervised Teaching in Nutrition.

Teaching under close supervision; group meetings, individual conferences, and reports. Three lecture hours a week for one semester. Prerequisite: Graduate standing and appointment as a teaching assistant.

NTR 399W, 699W, 999W. Dissertation.

May be repeated for credit. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

Professional Courses