Courses primarily for graduate students, open to qualified undergraduates:

**DIET 511. Research Methods.**
(3-0) Cr. 3. F.S. Prereq: enrollment in GP-IDEA MFCS in Dietetics
An overview of diverse research approaches focusing on methods for collecting and analyzing quantitative and qualitative data. www only. Only one of DIET 511 or FCEDS 511 may count toward graduation.

**DIET 524. Financial Management and Cost Controls in Dietetics.**
(3-0) Cr. 3. SS. Prereq: Enrollment in GP-IDEA MFCS in Dietetics
Overview of the fundamental knowledge of financial management, managerial accounting, and operational cost controls for dietetics professionals. Topics include a review of managerial accounting concepts for not-for-profit organizations and for-profit organizations based on the Uniform System of Accounts, value and risk analysis, budgeting, asset management, franchising and management contracts, cost-volume-profit analyses, and operational applications for financial performance.

**DIET 527. Food Writing.**
(3-0) Cr. 3. F. Prereq: Enrollment in GP-IDEA MFCS in Dietetics
Understanding and appreciating how to communicate effectively in writing about food and food-related topics. Hands-on experience in research and writing for various audiences and types of media.

**DIET 530. Nutrition in Wellness.**
(3-0) Cr. 3. SS. Prereq: enrollment in GP-IDEA MFCS in Dietetics
Addresses wellness promotion through nutrition. Nutritional risk and protective factors will be examined in relation to public health and individual nutrition. www only.

**DIET 532. Maternal and Child Nutrition.**
(3-0) Cr. 3. SS. Prereq: enrollment in GP-IDEA MFCS in Dietetics
Principles and practices of teaching individuals and groups to translate nutrition knowledge into action. Emphasis on research in and evaluation of nutrition education. www only.

**DIET 538. Nutrition: A Focus on Life Stages.**
(3-0) Cr. 3. SS. Prereq: enrollment in GP-IDEA MFCS in Dietetics
Studies of the biological, biochemical, and public health issues impacting dietary and nutritional factors that support normal growth and development. Content focuses on early stages of the life cycle: gestation, lactation, infancy, preschool, school age, and adolescence. www only.

**DIET 540. Nutrition and Physical Activity in Aging.**
(Cross-listed with GERON). (3-0) Cr. 3. Alt. F., offered 2012. WWW only. Basic physiological changes during aging and their impacts in health and disease. The focus will be on successful aging with special emphasis on physical activity and nutrition. Practical application to community settings is addressed.

**DIET 544. Pediatric Clinical Nutrition.**
(3-0) Cr. 3. F. Prereq: enrollment in GP-IDEA MFCS in dietetics
Examines the physiological, biochemical and nutritional aspects of disease processes relevant to infants and children up to 18 years of age. Discussion of medical nutrition therapy for a variety of medical conditions in this population including inborn errors of metabolism, food hypersensitivity, obesity, and diseases of the major organ systems. www only.

**DIET 546. Phytochemicals.**
(3-0) Cr. 3. F. Prereq: enrollment in GP-IDEA MFCS in Dietetics
Overview of phytochemicals (non-nutritive biologically active compounds) from fruits, vegetables, cereals and oils. Covers recent findings in chemistry, physiological functions, and potential health implications of phytochemicals. www only.

**DIET 548. Professional Development Assessment.**
(1-0) Cr. 1. F.S.SS. Prereq: Enrollment in GP-IDEA MFCS in Dietetics
Web-based course providing information and practice for student to assess and evaluate own professional development and continuing professional education needs. Completion of professional 5-year plan. Offered on a satisfactory-fail basis only.

**DIET 550. Finance and Cost Controls.**
(3-0) Cr. 3. F. Prereq: enrollment in GP-IDEA MFCS in Dietetics
Overview of the fundamental knowledge of hospitality managerial accounting, cost controls, and financial management. Important topics include financial statement analysis, cost concepts, cost-volume-profit analysis, calculating and controlling food and beverage costs, pricing, and capital budgeting. www only.

**DIET 554. Statistics.**
(3-0) Cr. 3. S.SS. Prereq: enrollment in GP-IDEA MFCS in Dietetics
Tools used to make statistical decisions. Major emphasis on explanation and understanding of important concepts involved; basic theme is understanding of data and methods used to analyze such data. www only. Only one of DIET 554 or Stat 401, 495, 542 may count toward graduation by students in the GPIDEA Dietetics program.

**DIET 556. Advanced Nutrition: Macronutrients.**
(3-0) Cr. 3. S. Prereq: BBMB 404 or BBMB 420 or equivalent; enrollment in GP-IDEA MFCS in Dietetics
Integration of the molecular, cellular and physiological aspects of vitamins and minerals in mammalian systems. Interactions among nutrients, metabolic consequences of deficiencies or excesses, relevant polymorphisms, major research methodologies, and current topics related to micronutrients and non-nutrient components. www only. Only one of DIET 556 or NUTRS 502 may count toward graduation.

**DIET 558. Advanced Nutrition: Macronutrients.**
(3-0) Cr. 3. F. Prereq: BBMB 404 or BBMB 420 or equivalent; enrollment in GP-IDEA MFCS in Dietetics
Integration of the molecular, cellular and physiological aspects of macronutrients and energy metabolism in mammalian systems. Dietary energy, carbohydrates, fiber, lipids, proteins, their interactions, metabolic consequences, and major research methodologies. www only. Only one of DIET 558 or NUTRS 501 may count toward graduation.

**DIET 560. Medical Nutrition and Disease.**
(3-0) Cr. 3. F.S.SS. Prereq: enrollment in GP-IDEA MFCS in Dietetics
Pathophysiology of selected acute and chronic disease states and their associated medical problems. Specific attention directed to medical nutrition needs of patients in the treatment of each disease state. www only. Only two of DIET 560 or NUTRS 561, 564 may count toward graduation.

**DIET 565. Malnutrition in Low-Income Countries.**
(3-0) Cr. 3. SS. Prereq: enrollment in GP-IDEA MFCS in Dietetics
Identification and assessment of malnutrition in low-income countries. Social, cultural, political, economic, and geographic determinants of malnutrition. Protein-energy malnutrition, vitamin and mineral deficiencies. Intervention approaches; international efforts and local sustainability. www only.

**DIET 566. Nutrition Counseling and Education Methods.**
(Dual-listed with DIET 466), (Cross-listed with NUTRS). (2-2) Cr. 3. F. S. Prereq: Graduate student status
Application of counseling and learning theories with individuals and groups in community and clinical settings. Includes discussion and experience in building rapport, assessment, diagnosis, intervention, monitoring, evaluation, and documentation. Literature review of specific counseling and learning theories.

**DIET 567. Nutrition for Dietitians.**
(3-0) Cr. 3. Alt. F., offered 2011. Prereq: DIET 360; BBMB 301, undergraduate course in physiology; enrollment in GP-IDEA MFCS in Dietetics
Study of the current scientific literature to evaluate current trends and issues in nutrition science and dietetic practice. Emerging areas of research investigating the role of nutrients in health and disease in humans will be explored. Emphasis on the impact of emerging research on nutrition recommendations and interventions designed to promote human health. www only.

**DIET 568. Entrepreneurship in Dietetics.**
(3-0) Cr. 3. F. Prereq: enrollment in GP-IDEA MFCS in Dietetics
Definition and discussion of entrepreneurship and its importance to economic and business environment. www only.

**DIET 569. Dietary and Herbal Supplements.**
(3-0) Cr. 3. SS. Prereq: Enrollment in GP-IDEA MFCS in Dietetics
Develop skills to partner with patients in making dietary supplement decisions. Explore the safe, efficacious use of botanicals and supplements in nutritional support of aging, maternal health and wellness. Discussions on supplementation in the prevention and treatment of chronic disease include: arthritis, cancer, cardiovascular, diabetes, digestive, liver and renal disorders.
(3-0) Cr. 3. S. Prereq: enrollment in GP-IDEA MFCS in Dietetics  
Develop an understanding of nutrition based on knowledge of the biochemical  
and physiological process and functions of specific nutrients in meeting nutritional  
requirements. Emphasis on the relationship of optimal nutrition and physical  
efficiency and performance. www only.

DIET 572. Environmental Scanning and Analysis of Current Issues in  
Dietetics.  
(3-0) Cr. 3. F.S. Prereq: enrollment in GP-IDEA MFCS in Dietetics  
Overview of current topics, issues, and trends in dietetics practice. www only.

DIET 573. Administration of Health Care Organizations.  
(3-0) Cr. 3. SS. Prereq: enrollment in GP-IDEA MFCS in Dietetics  
A comprehensive review of today's health care institutions and their response  
to the economics, social, ethical, political, legal, technological, and ecological  
environments. www only.

DIET 595. Proposal and Grant Writing for the Working Professional.  
(3-0) Cr. 3. F. Prereq: enrollment in GP-IDEA MFCS in Dietetics  
Grant proposal preparation experiences including writing and critiquing of  
proposals and budget planning. Designed for the working professional. www only.

DIET 599. Creative Component.  
Cr. arr. Repeatable. F.S.SS. Prereq: Enrollment in GPIDEA MS Dietetics  
For non-thesis option only.