

APN - APPLIED NUTRITION

APN 500 The Life-cycle of Small Grant Funding (1 Credit Hours)

This practical course covers the full lifecycle of obtaining funding for projects, programs, or applied research. Participants will be mentored through each step of the process, starting with developing a fundable project, and will complete the course with a proposal ready to submit to an individually targeted funder.

Academic Level: Graduate

APN 505 Applied Anatomy and Physiology (3 Credit Hours)

This course will examine human anatomy and physiology from an integrative and applied perspective. Students will develop an understanding of the functions and structures of the human body, and explore how cells, tissues, and organ systems work together to maintain homeostasis within the human body, with a focus on human nutrition and metabolism. Functional and regulatory roles of macro and micronutrients will be examined. The course lays the foundation for understanding diagnosis and treatment of diseases in the nutrition care setting.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 510 Applied Nutrition Biochemistry (3 Credit Hours)

Using human nutrition as a model, this biochemistry focused course will explore metabolic pathways to which macro and micronutrients play a significant regulatory role, as well as the interaction between nutrients within these pathways. The course is guided by exploration of recent scientific literature in areas of nutrition and biochemistry and ways one informs the other. Topics include energetics of metabolism; structure and metabolism of macro and micronutrients; and the integration of metabolic systems. Students will examine signs and symptoms of nutrient deficiency as well as excess, and understand nutrition status with respect to disease prevention and therapy through an emphasis on biochemical mechanisms of nutrition and metabolism.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 515 Applied Food Innovation (3 Credit Hours)

This course provides students with an overview of food, food selection, and food service. Students will evaluate the criteria from which people select foods and how that relates to food production and service. Students will examine the nutrients provided from food; their impact on health; and steps to regulate certain nutrients with recipe modification without sacrificing flavor, texture, color, etc... Students will identify steps to ensure food safety; learn techniques in the preservation of nutrients and quality in selection, production, and storage of foods; and examine the role of government agencies in ensuring food security, safety, and quality

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

APN 520 Foundations of Nutrition Care and Medical Nutrition Therapy (3 Credit Hours)

Foundations in Nutrition and Medical Nutrition Therapy provides a comprehensive survey of nutrition science. This course will review key concepts including macronutrient and micronutrient biochemistry, digestion and metabolism, nutrition across the lifecycle, and the gut microbiome. Students will apply nutrition science to the prevention and management of disease through Medical Nutrition Therapy (MNT) and the Nutrition Care Process (NCP), including ADIME documentation and PES statement construction using eNCPT terminology. The course integrates community nutrition, food service management, ethics, food labeling, sustainability, sports nutrition, and worksite wellness to reflect the full scope of modern nutrition practice. Medical terminology is embedded throughout the first five weeks to build clinical communication proficiency. Evidence-based practice is central to all course activities, with an emphasis on critically appraising the scientific literature and translating research findings into professional nutrition practice.

Equivalent to APN 515.

Academic Level: Graduate

APN 600 Trends & Issues in Nutrition (3 Credit Hours)

Current trends and issues relating to nutrition, food and food products are examined. The course will contain a review of key concepts related to the digestive system, metabolism, energy balance, nutrition and disease and the Nutrition Care Process. Current issues related to these topics will be explored. Students will review, analyze and synthesize professional literature. Students will apply course concepts to their practice and/or area of study and expertise.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 602 Trends and Issues in Nutrition Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 600

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment limited to students in the MS-NUT program.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

Enrollment limited to students in the Nutrition Online department.

APN 604 Nutrition Across the Lifespan (3 Credit Hours)

Nutrition requirements and metabolism from preconception through older adulthood are examined. The impacts and effects of culture, environment, economy and mental and physical health on nutrition status across the life cycle are explored. Metabolism of macronutrients, nutrition assessment methodologies, and specific concerns for each life cycle stage are emphasized.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition-Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 606 Nutr Across the Lifespan Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 604

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment limited to students in the MS-NUT program.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 610 Research Methods (3 Credit Hours)

Research methods and research design commonly used in nutrition research are examined. Topics include defining research questions, developing hypotheses, writing research goals and objectives, reviewing and interpreting literature, choosing appropriate research designs and understanding and summarizing relevant data. Professional presentation of research findings is emphasized.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 611 Research Methods Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 610

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 615 Nutrition and Metabolism (3 Credit Hours)

The normal and disordered metabolism of carbohydrates, protein, fats, vitamins, and water, and the physiological actions of these nutrients are examined. Topics include macronutrient and micronutrient absorption, transport, and excretion, the regulation of biochemical and enzymatic pathways, variability in the bioavailability of vitamins and minerals, and the impacts of nutrient toxicity and deficiency in human and animal models.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 616 Nutrition & Metabolism Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 615

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 620 Nutrition Education and Health Behavior Change (3 Credit Hours)

Health behavior theories and practices utilized to facilitate healthful behavior change in a variety of nutrition counseling and clinical settings are examined. Topics include motivational interviewing, practice of professional and engaged verbal and nonverbal communication, active listening, practitioner directed goal setting and group counseling. The design and evaluation of nutrition counseling practices are explored.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 621 Nutrition Education & Health Behavior Change Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 620

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 625 Nutrition Practice for Health Promotion and Disease Prevention (3 Credit Hours)

Nutrition and health promotion and the role of nutrition in disease prevention are examined. Topics include exploring theory-based approaches to lifestyle and behavior modification to advance the health and nutriture status of individuals and communities, development of culturally and age appropriate health promotion practices, current research on the ways diet, environment and nutrition influence the incidence and prevalence of chronic diseases at individual and population levels, and best practices in health promotion. Students develop a practical approach to explore or address health promotion and disease prevention for a target population.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 707 Dietary Practices & Enviro Stu (3 Credit Hours)

Diets, dietary practices, food choice and food patterns will be examined through the lens of sustainability at the local, national and global levels. Consumer choices and their impact on food webs and global food systems will be explored through analyzing the various inputs, outputs and outcomes of food choices. Nutrient availability and nutritional status associated with a variety of dietary types will be considered through the context of dietary on personal and environmental health. Topics include policy, socioeconomic, cultural and ethical impacts of a variety of diets/dietary choices.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

APN 712 Global Food Systems & Sustainability (3 Credit Hours)

Global food systems, systems of agriculture, food webs, the influence of agricultural systems on climate change and environmental impacts on food growth, processing and distribution will be examined. National and International Law, agricultural trade, financial policies, effects on food systems and food system sustainability will be investigated. Planning and management of large and small scale food production operations, food systems workforce, ethical treatment of production workers and livestock, and genetically modified organisms will be explored. Topics also include international dietary practices, food choices, cultural and socio-economic impacts on local food systems.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

APN 730 Medical Nutrition Therapy (3 Credit Hours)

Nutrition principles, clinical nutrition assessment, the development, use, and monitoring of therapeutic diets, and nutrition support in the treatment and prevention of disease will be examined. Topics include lifestyle strategies and nutrition and therapeutic based interventions to correct nutrition insufficiencies, promote optimal health, and prevent, manage or correct medical problems.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 731 Medical Nutrition Therapy Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 730

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 734 Nutrition Leadership, Community Nutrition and Wellness (3 Credit Hours)

Nutrition Leadership, Community Nutrition and Wellness. Nutrition behavior, public health implications of nutrition status, nutrition education initiatives and leadership in the nutrition and wellness fields will be examined. Development of educational materials and programs for a range of settings will be explored and dissemination of professional education materials for a variety of audiences will be emphasized.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 736 Nutrition Leadership, Community Nutrition, and Wellness Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 734

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 740 Nutrition and Nutrition Information in Media (3 Credit Hours)

Commercial and media influence on concepts of physical and mental health, wellness, nutrition and nutrition education will be examined. Commercialization and consolidation of food systems and the impacts on nutrition are explored. Topics include food labeling, food advertising, the impact of consumers and food businesses on food supply and policy, food lobbyists and policy practices impacting consumer habits, social influences of advertising on the impact of food choices, and media dissemination of nutrition information.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 745 Overweight and Obesity (3 Credit Hours)

The epidemiology, etiology, and pathophysiology of overweight and obesity are examined. Complications in management of overweight and obesity are explored. Topics include public health, psychosocial and economic factors impacting overweight and obesity, current educational and theoretical models used to combat overweight and obesity, and emerging research on the causes of overweight and obesity.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 750 Clinical Management of Overweight and Obesity (3 Credit Hours)

The management and treatment of overweight and obesity are examined. Treatment approaches including medical, behavioral, and lifestyle management interventions are explored. Current practices will be critically reviewed and appropriate research methodology for proposing clinical or behavioral research will be examined. Clinical management of overweight and obesity across the population will be emphasized. Topics include specific treatment strategies in managing overweight, obesity, and related disease processes, implementing best-practices in clinical and counseling environments and appropriate and effective counseling modalities.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 755 Applied Nutrition Capstone (3 Credit Hours)

The latest theories, research, policy, and practices relating to a variety of nutrition concepts, controversies and practice will be applied to a relevant area of the students choice and approved by a faculty mentor, review committee, and the instructor. This capstone course will culminate in a project and/or paper that will contribute unique or novel research to the field such as: a primary or secondary research investigation of an area related to nutrition or nutrition education, a clinically relevant question or practice, a review of and proposal to modify current policy or practice, or a review and development of new approaches to the prevention, management or treatment of a nutrition or wellness concern. This course requires Departmental Permission for Registration. If you would like to register for this course, please contact your Student Support Specialist.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment limited to students in the Nutrition Online department.

APN 756 Applied Nutrition Capstone Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 755

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 760 Micronutrients: Nutrition and Functional Applications (3 Credit Hours)

This course examines the role of micronutrients and micronutrient metabolism in human health and nutrition, specifically the digestion, absorption, transport, storage and excretion of vitamins and minerals. Homeostatic mechanisms and micronutrient interactions with dietary, organic and inorganic compounds will be explored. Topics will include micronutrients and medical nutrition therapy, micronutrient toxicity and deficiency, bioavailability of micronutrients and clinical implications of micronutrient status.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 761 Micronutrients: Nutrition & Functional Applications Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course. Students must complete the ServSafe Manager certificate as part of this course, or they may use a prior, current certifiacat; ServSafe certification is required for registration into APN 781.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 760

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 770 Nutrition Counseling and Communication (3 Credit Hours)

The role of the nutrition professional in promoting general health and wellness through a variety of communication methods will be examined. Theoretical models of nutrition counseling and behavior change and evidence-based nutrition intervention design strategies are emphasized. Topics include calculation of diet modifications for a variety of disease states, development of educational materials, techniques for communicating nutrition information to individuals, use of multimedia communication strategies, and culturally appropriate information dissemination strategies.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 775 Advanced Nutrition Research (3 Credit Hours)

Current nutrition and wellness literature will be critically reviewed and evaluated. Development and presentation of nutrition related research will be performed. Quantitative and/or qualitative research methods including research design and methodology, data collection and analysis and interpretation of findings will be employed. Topics include appropriate use of statistical software, Continuous Quality Improvement (CQI) processes, research design, implementation and evaluation methods for a variety of nutrition research initiatives, and professional presentation of research findings. This course requires Departmental Permission for Registration. If you would like to register for this course, please contact your Student Support Specialist.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

APN 776 Adv Nutrition Research Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 775

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 780 Food and Nutrition Operations Management (3 Credit Hours)

This course examines the application of management principles to foodservice operations and nutrition services including leadership, finance, quality control, human resources, negotiation, and factors affecting foodservice design and equipment selection. Students will learn how to convert human, material, facility, and operational inputs into outputs of meals, customer satisfaction, employee satisfaction, and financial accountability. In addition, students will evaluate various food preparation methods, food presentation and food sanitation in practice.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

APN 781 Food and Nutrition Operations Management Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course. Students must have a current ServSafe Manger certificate to take this course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 780

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.

APN 785 Nutrition Assessment and Application in a Clinical Setting (3 Credit Hours)

This course will emphasize the Nutrition Focused Physical Exam approach to nutrition assessment in the clinical setting. Advanced assessment of dietary, biochemical, and body size and body composition will be included in this course. Students will apply computer skills and use health informatics in the Nutrition Care Process. In addition, the course will examine the impact of complementary and integrative nutrition on drugs, disease, health and wellness.

Academic Level: Graduate

Enrollment is limited to students with a major in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

APN 786 Nutrition Assessment and Application in a Clinical Setting Lab (1 Credit Hours)

In the dietetics focus lab series, MSAN students in the dietetics focus will conduct Supervised Experiential Learning (SEL) hours. In the lab series, Faculty and Preceptors will assess competencies. Students will work to demonstrate professional skills and values in all interactions with their site preceptors, CPS faculty and staff, their peers and community members. Through reflective writing exercises, students will self-assess their skills, behaviors and attitudes. Topics such as clinical skills, communication skills, leadership and management skills, professionalism, conflict resolution, teamwork and integrity will be explored. Cases and real-world examples will be used to facilitate discussions. Students are responsible for working with the Assistant Director, Graduate Program in Applied Nutrition to arrange acceptable Preceptors and SEL sites before signing up for the course.

Additional fees may exist.

Academic Level: Graduate

Corequisites: APN 785

Enrollment is limited to students with a program in Applied Nutrition, Applied Nutrition- Dietetics, App. Nutrition- Pre-Dietetics, Applied Nutrition or Applied Nutrition- RDN to MSAN.

Enrollment is limited to Graduate level students.

Enrollment limited to students with the Reg Diet Nutritionist Focus attribute.