Dietetics & Nutrition (DN)

Courses

DN A100 The Profession of Dietetics 1 Credit
Introduces students to the professional opportunities in the field of nutrition and dietetics with an emphasis on academic preparation, acquisition of professional credentials and career ladderling.

Registration Restrictions: Course restricted to pre-dietetics and dietetics majors only.

DN A151 Nutrition Through the Life Cycle 3 Credits
Introduces nutritional needs and dietary recommendations through the life cycle: newborns, infants, toddlers, preschool and school-age children, adolescents, adults and the elderly. Covers common childhood, adolescent, adult and elderly conditions and corresponding nutrition interventions.

DN A155 Survey of Alaska Native Nutrition 3 Credits
Introduces traditional foods and their role in the physical, social and mental health issues of Alaska Natives within six geo-social regions of Alaska (Arctic/Western, Interior, Aleutian Chain, Southeast, Southcentral and urban Alaska).
Attributes: UAA Alaska Native-Themed GER.

DN A203 Nutrition for Health Sciences 3 Credits
Presents nutrition in the life cycle including food sources and requirements of nutrients, and physiological and metabolic aspects of nutrient function. Reviews disease states, food selection, and cultural and contemporary issues of concern to health professionals.
Prerequisites: WRTG A110 with a minimum grade of C or WRTG A111 with a minimum grade of C or WRTG A1W with a minimum grade of C.

DN A270 Culinary Nutrition 3 Credits
Introduces basics of culinary literacy, including cooking techniques, knife skills, food safety and sensory evaluation of food. Exposes future healthcare providers to culinary medicine concepts through application of culinary literacy skills and therapeutic nutrition principles. Grounded in a food first approach to health and wellness with an emphasis on disease prevention.

Special Note: Students are responsible for purchasing all food and equipment for class projects. Cost of food alone may exceed $100 depending on student location. Availability of a kitchen, small kitchen tools, and a smart phone, tablet or laptop with video capabilities and ability to transmit photos and videos electronically is required. The required ServSafe certification exam will cost approximately $200.
Registration Restrictions: Current ServSafe Food Handler certification
Prerequisites: DN A270 with a minimum grade of C.

DN A301 Nutrition Assessment 3 Credits
Explores methods of nutrition assessment in humans to evaluate dietary intake and body composition including the use of biological markers of human nutritional status.
Registration Restrictions: Complete all GER Tier 1 (basic college-level skills) courses with a minimum grade of C. Course restricted to pre-dietetics and dietetics majors.
Prerequisites: DN A203 with a minimum grade of C and (MATH A121 with a minimum grade of C or MATH A151 with a minimum grade of C or MATH A152 with a minimum grade of C or MATH A155 with a minimum grade of C or MATH A251 with a minimum grade of C or MATH A251F with a minimum grade of C) and (PSY A111 with a minimum grade of C or SOC A101 with a minimum grade of C).

DN A312 Nutrition Communication and Counseling 3 Credits
Provides theory and practice in nutrition communication and counseling including behavior modification techniques, processes of cognitive change, and cross-cultural counseling. Provides practice in nutrition education materials development and delivering nutrition education to groups.
Registration Restrictions: Complete all GER Tier 1 (basic college-level skills) courses with a minimum grade of C; declared pre-dietetics or dietetics majors.
Prerequisites: DN A203 with a minimum grade of C and (PSY A111 with a minimum grade of C or SOC A101 with a minimum grade of C).

DN A325 Food & Nutrition in Modern Alaska 3 Credits
Explores the food and nutrition-related health of people in modern Alaska, ranging from Alaska Native peoples to individuals from the Pacific Islands, Middle East, Mexico, Europe, Asia and more. Examines food consumption patterns based on Alaska's diverse ethnicities, geography and economy. Also explores Alaska's unique food system.
Registration Restrictions: Junior or senior standing.
Attributes: UAA Alaska Native-Themed GER.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Registration Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>DN A350</td>
<td>Foodservice Systems and Quantity Foods</td>
<td>4</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
<td>Completion of all GER Tier 1 (basic college-level skills) courses with a minimum grade of C. Restricted to pre-dietetics, dietetics and hospitality administration majors.</td>
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<tr>
<td>DN A355</td>
<td>Weight Management and Eating Disorders</td>
<td>3</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
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<td>DN A360</td>
<td>Sports Nutrition</td>
<td>3</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
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<td>DN A401</td>
<td>Medical Nutrition Therapy I</td>
<td>3</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
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<td>DN A402</td>
<td>Medical Nutrition Therapy II</td>
<td>4</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
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<td>DN A407</td>
<td>Preventive and Therapeutic Nutrition</td>
<td>3</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
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<td>DN A415</td>
<td>Community Nutrition</td>
<td>3</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
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<td>DN A430</td>
<td>Research Methods in Nutrition and Dietetics</td>
<td>3</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
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<td>DN A450</td>
<td>Dietetic Management</td>
<td>3</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
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<td>DN A475</td>
<td>Advanced Nutrition</td>
<td>3</td>
<td>Students must complete all GER Tier 1 (basic college-level skills) courses</td>
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DN A492 Senior Seminar in Dietetics 1 Credit
Explores current dietetic practice through reflection and review of the Accreditation Council for Education in Nutrition and Dietetics (ACEND) Future Education Model Standards for Bachelor’s Degree (FB). Requires students to apply prior learning to a practice setting.
Registration Restrictions: Dietetics majors in the final year of coursework, senior standing and department approval
Prerequisites: DN A100 with a minimum grade of C and DN A203 with a minimum grade of C and DN A301 with a minimum grade of C and DN A350 with a minimum grade of C.

DN A607 Preventive and Therapeutic Nutrition 3 Credits
Discusses food and nutrition across a range of life stages. Examines the role of food and nutrition in the prevention and management of acute and chronic conditions/diseases such as respiratory reactions, metabolic stress, gastrointestinal disorders, obesity, diabetes, heart disease, cancer, kidney and liver diseases, autoimmune diseases, cognitive impairment, and osteoporosis.
Registration Restrictions: Graduate standing
May Be Stacked With: DN A407

DN A615 Public Health Nutrition 3 Credits
Analyzes current nutritional epidemiology research and surveillance in population health. Engages students in critical thinking as it relates to nutrition-related policies. Integrates nutrition-related initiatives with grant writing and program planning to affect the public’s health.
Registration Restrictions: Admission to the Master of Science in Dietetics and Nutrition

DN A630 Applied Research in Nutrition and Dietetics 3 Credits
Applies the critical interpretation of dietetics and nutrition research findings to professional practice. Builds on prior didactic coursework in research methodologies. Focuses on the development of evidence-based resources and research proposals.
Registration Restrictions: Admission to the Master of Science in Dietetics and Nutrition

DN A641 Advanced Medical Nutrition Therapy - Ambulatory 3 Credits
Examines theoretical models as the basis for behavior change and utilizes these models in assessing and coordinating interventions for individuals and groups. Addresses underlying contributors to disease. Covers the appropriate use of laboratory data and dietary supplements.
Registration Restrictions: Admission to the Master of Science in Dietetics and Nutrition

DN A642 Advanced Medical Nutrition Therapy - Acute 3 Credits
Applies nutrition assessment principles to complex health conditions. Engages students in the use of current literature and clinical practice guidelines to develop nutrition care plans incorporating principles of nutritional genomics, pharmacology, integrative and functional nutrition, and dietary supplements.
Registration Restrictions: Admission to the Master of Science in Dietetics and Nutrition

DN A650 The Business of Dietetics 3 Credits
Examines best practices in leadership, business, management and organization in the profession of dietetics. Applies functions and principles of organization, project and risk management, and quality and performance improvement for the administration of dietetics and nutrition services in various settings.
Registration Restrictions: Admission to the Master of Science in Dietetics and Nutrition

DN A660 Contemporary Practice in Dietetics and Nutrition 3 Credits
Covers contemporary subjects within dietetics and nutrition including professional role development, cultural competence, physical activity integration, policy development and advocacy, sustainable food systems and applications of nutrigenetics and nutritional biochemistry. Focuses on emerging trends so that students will be prepared with the latest evidence and practices in their field.
Registration Restrictions: Graduate standing and admission to the Master of Science in Dietetics and Nutrition, or department approval

DN A690 Selected Topics in Advanced Dietetics and Nutrition 1-15 Credits
Presents selected topics in advanced dietetics and nutrition. Focuses on special, emerging, current, local and other topics of interest.
Special Note: A maximum of 6 credits may be applied to the MS in Dietetics and Nutrition.
Registration Restrictions: Department approval

DN A695G Supervised Experiential Learning - Management 1-7 Credits
Provides supervised practice in a professional dietetics management setting to facilitate achievement of competencies required by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). Competencies are assigned by the UAA Dietetics and Nutrition Graduate Program director and supervised by qualified preceptors on-site.
Special Note: May be repeated for a maximum of 12 credits.
Registration Restrictions: Graduate standing and admission to the Master of Science in Dietetics and Nutrition

DN A695H Supervised Experiential Learning - Public Health 1-7 Credits
Provides supervised practice in a professional public health setting to facilitate achievement of competencies required by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). Competencies are assigned by the UAA Dietetics and Nutrition Graduate Program director and supervised by qualified preceptors on-site.
Special Note: May be repeated for a maximum of 12 credits.
Registration Restrictions: Graduate standing and admission to the Master of Science in Dietetics and Nutrition

DN A695I Supervised Experiential Learning - Specialty 1-15 Credits
Provides supervised practice in a specialty dietetics setting to facilitate achievement of competencies required by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). Competencies are assigned by the UAA Dietetics and Nutrition Graduate Program director and supervised by qualified preceptors on-site.
Special Note: May be repeated for a maximum of 12 credits.
Registration Restrictions: Graduate standing and admission to the Master of Science in Dietetics and Nutrition
DN A695J Supervised Experiential Learning - Medical Nutrition Therapy - Ambulatory 1-7 Credits
Provides supervised practice in an ambulatory dietetics setting to facilitate achievement of competencies required by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). Competencies are assigned by the UAA Dietetics and Nutrition Graduate Program director and supervised by qualified preceptors on-site.

**Special Note:** May be repeated for a maximum of 12 credits.

**Registration Restrictions:** Graduate standing and admission to the Master of Science in Dietetics and Nutrition

DN A695K Supervised Experiential Learning - Medical Nutrition Therapy - Acute 1-7 Credits
Provides supervised practice in an acute dietetics setting to facilitate achievement of competencies required by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). Competencies are assigned by the UAA Dietetics and Nutrition Graduate Program director and supervised by qualified preceptors on-site.

**Special Note:** May be repeated for a maximum of 12 credits.

**Registration Restrictions:** Graduate standing and admission to the Master of Science in Dietetics and Nutrition

DN A695L Supervised Experiential Learning - Medical Nutrition Therapy - Acute II 1-7 Credits
Provides supervised practice in an acute dietetics setting to facilitate advanced achievement of competencies required by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). Competencies are assigned by the UAA Dietetics and Nutrition Graduate Program director and supervised by qualified preceptors on-site.

**Special Note:** May be repeated for a maximum of 12 credits.

**Registration Restrictions:** Graduate standing and admission to the Master of Science in Dietetics and Nutrition

DN A698 Dietetics & Nutrition Graduate Project 1-6 Credits
Serves as the basis for evaluating the capability of its author in the areas of applied community-based nutrition project and professional practice. The student's work is reviewed by their project committee to judge the author's scholarship and professional presentation, and to ascertain that the student has demonstrated their knowledge and ability to receive the Master's Degree.

**Registration Restrictions:** Admission to the Master of Science in Dietetics and Nutrition

DN A699 Dietetics & Nutrition Graduate Thesis 1-6 Credits
Serves as the basis for evaluating the capability of its author in the areas of applied nutrition research and professional practice. The student's work is reviewed by their thesis committee to judge the author's scholarship and professional presentation, and to ascertain that the student has demonstrated their knowledge and ability to receive the Master's Degree.

**Registration Restrictions:** Admission to the Master of Science in Dietetics and Nutrition