

Request to Establish New Academic Program in Arizona

Please complete all fields. Boxes may be expanded to accommodate longer responses. Clarifying field descriptions can be found below. Should you have any questions or concerns, please email Helen Baxendale, Director of Academic Affairs and Policy at helen.baxendale@azregents.edu

University: University of Arizona

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| Name of Proposed Academic Program: Bachelor of Science in Nutrition and Dietetics |
| Academic Department: School of Nutritional Sciences and Wellness, College of Agriculture, Life, and Environmental Sciences (CALES) |
| Geographic Site: Tucson- Main |
| Instructional Modality: In-person, online |
| Total Credit Hours: 120 |
| Proposed Inception Term: Fall 2024 |
| Brief Program Description: Be on the front lines of helping people live healthier, happier lives. Thanks to important new research in disease prevention, the field of nutrition is growing. This degree is a science-based approach to nutritional therapies and human health and well-being. The degree program includes courses in medical nutrition therapy, community nutrition, nutrition counseling, and food service management. Students are eligible to take the Registration Examination for Dietetic Technicians after graduating to earn the Nutrition and Dietetics Technician, Registered credential. Students who graduate from this degree program can also pursue the Registered Dietitian Nutritionist credential with additional training. |
| Learning Outcomes and Assessment Plan: |
| Learning Outcome #1: Effectively communicate diet and nutrition information/knowledge to diverse populations. |
| Concepts: Impacts of nutrition misinformation on different aspects of health; cultural humility; best practices in nutrition communication; nutrition education; nutrition counseling; social determinants of health. |
| Competencies: Evaluate community and/or stakeholder needs; create appropriate and targeted nutrition messaging. |
| Assessment Methods: This outcome will be assessed in metabolic disease presentation and nutrition education scenarios. |
| Measures: Instructor grading of metabolic disease presentation and nutrition education scenarios. |

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| Learning Outcome #2: Apply scientific evidence, dietetics best practices, and professional judgment when evaluating food- and nutrition-related problems. |
| Concepts: Dietetics scope of practice; nutrition assessment; nutrition diagnoses and interventions appropriate for individuals; nutrition and dietetics research |
| Competencies: Evaluate individuals and populations regarding nutrition-related health issues; differentiate between scientific evidence, dietetics best practices, and professional judgement; |
| Assessment Methods: This outcome will be assessed in metabolic disease presentation and case studies. |
| Measures: Instructor grading of metabolic disease presentation and patient case studies. |
| Learning Outcome #3: Identify alterations in nutrition metabolism and its implications on health and disease |
| Concepts: Medical nutrition therapy; metabolic nutrition; nutrition-focused physical exam; nutrition-related diseases; dietary reference intakes and acceptable macronutrient distribution ranges; energy systems in the body; pathophysiology. |
| Competencies: Conduct nutrition assessment; diagnose nutrition issues; provide evidence-based nutrition intervention recommendations; identify nutrient deficiencies; analyze biochemical data. |
| Assessment Methods: This outcome will be assessed in diet analysis project and patient case studies. |
| Measures: Instructor grading of diet analysis project and patient case studies. |
| Learning Outcome #4: Utilize food science and culinary principles in food preparation to recognize how knowledge of food can influence nutritional status. |
| Concepts: Culinary medicine; chemistry of foods; food preservation methods; nutrient degradation with processing; value-added food products; food composition. |
| Competencies: Identifying food preparations that retain nutrients; creating meal patterns that address nutrition concerns or goals of patients/clients; nutrient analysis. |
| Assessment Methods: This outcome will be assessed in food processing analysis project and patient case studies. |
| Measures: Instructor grading of food processing analysis project and patient case studies. |

| | NSC 101 | NSC 260 | NSC 308 | NSC 351R | NSC 435 |
|---|------------|------------|------------|-------------|------------|
| LO #1: Effectively communicate diet and nutrition information/knowledge to diverse populations. | | I | R | | M |
| LO #2: Apply scientific evidence, best practices, and professional judgment when evaluating food- and nutrition-related problems. | I | R | R | | M |
| LO #3: Identify alterations in nutrition metabolism and its implications on health and disease. | I | | R | | M |
| LO #4: Utilize food science and culinary principles in food preparation to recognize | | | R | I | M |

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| <p>how knowledge of food can influence nutritional status.</p> | | | | | |
| <p>Projected Enrollment for the First Three Years: Please provide anticipated enrollment numbers for each of the first three years of the proposed program Enrollment in the current NSC Dietetics program is approximately 500 students across Main, AZOnline, and Distance campuses. We anticipate enrollments will be maintained at this level with the new degree program.</p> | | | | | |
| <p>Evidence of Market Demand: As mentioned above, the current Dietetics program has a robust enrollment which will be sustained with the new degree program. The new degree program is an avenue for students to pursue the Registered Dietitian Nutritionist credential (RDN). RDNs may serve as part of interprofessional teams in the healthcare system, manage food service operations, and oversee delivery community nutrition education and programs. The US Bureau of Labor and Statistics Occupational Outlook Handbook reports that the job growth for dietitians and nutritionists for 2022-2032 is 7%, which is faster than average growth.</p> | | | | | |
| <p>Similar Programs Offered at Arizona Public Universities: List existing programs at Arizona public universities that deliver similar concepts and competencies to the proposed new program. Arizona State University BS in Dietetics Northern Arizona University BS in Nutrition and Foods</p> | | | | | |
| <p>Objection(s) Raised by Another Arizona Public University? YES NO Has another Arizona public university lodged a written objection to the proposed program with the proposing university and the Board of Regents within seven days of receiving notice of the proposed program? If Yes, Response to Objections: Please provide details of how the proposing university has addressed the objection. If the objection remains unresolved, please explain why it is in the best interests of the university system and the state that the Board override it.</p> | | | | | |
| <p>New Resources Required? (i.e. faculty and administrative positions; infrastructure, etc.): The proposed new program is part of School-level undergraduate program adjustments which includes the disestablishment of the BS in Precision Nutrition and Wellness and the BS in Nutrition and Food Systems along with their associated minors. All resources dedicated to the existing Dietetics subplan of the BS in Nutritional Science will be redeployed to this new standalone major, which will provide more flexibility to students with specific academic and professional goals and allow the School of Nutritional Sciences and Wellness to deliver curriculum and career guidance more efficiently to students.</p> | | | | | |
| <p>Plan to Request Program Fee/Differentiated Tuition? YES NO Estimated Amount: n/a Program Fee Justification: n/a</p> | | | | | |
| <p>Specialized Accreditation? YES NO</p> | | | | | |

Accreditor:
Accreditation Council for Education in Nutrition and Dietetics (ACEND)

Request to Rename Academic Program

University: University of Arizona

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| Current Name of Academic Program: Bachelor of Science in Nutritional Sciences – Dietetics Emphasis |
| New Name of Academic Program: Bachelor of Science in Nutrition and Dietetics |
| Academic Department: School of Nutritional Sciences and Wellness, College of Agriculture, Life, and Environmental Sciences (CALES) |
| Geographic Site: Tucson – Main; Yuma – Distance. Online. Global. |
| Instructional Modality: In person and online |
| Brief Program Description: Be on the front lines of helping people live healthier, happier lives. Thanks to important new research in disease prevention, the field of nutrition is growing. The Bachelor of Science in Nutritional Sciences is a science-heavy approach to nutritional therapies and human health and well-being. The degree program includes courses in medical nutrition therapy, community nutrition, nutrition counseling and food service management. Students are eligible to take the Registration Examination for Dietetic Technicians after graduating to earn the Nutrition and Dietetics Technician, Registered credential. LEARNING OUTCOMES - Effectively communicate diet and nutrition information/knowledge to diverse populations - Apply scientific evidence, best practices, and professional judgment when evaluating food- and nutrition-related problems - Identify alterations in nutrition metabolism and its implications on health and disease - Utilize food science and culinary principles in food preparation to recognize how knowledge of food can influence nutritional status. |
| Reason for Renaming the Program: We are updating the curriculum to focus solely on dietetics, which is accredited through the Accreditation Council for Education in Nutrition and Dietetics (ACEND). The dietetics curriculum is currently offered as a subplan/emphasis within the NSC degree, and we propose to make dietetics a stand-alone degree program in line with other ACEND accredited program across the US. |

Executive Director Signature: Ken Wilford

Date: 2/20/24