

Request to Disestablish Academic Program

University: University of Arizona

<p>Name of Academic Program:</p> <p>Bachelor of Science in Precision Nutrition and Wellness</p>
<p>Academic Department:</p> <p>School of Nutritional Sciences and Wellness, College of Agriculture, Life, and Environmental Sciences (CALES)</p>
<p>Geographic Site:</p> <p>Tucson – Main</p>
<p>Instructional Modality:</p> <p>In person</p>
<p>Last Term of operation:</p> <p>Spring 2025</p>
<p>Brief Program Description:</p> <p>The Precision Nutrition and Wellness Bachelor of Science degree prepares students to work in the burgeoning field of precision nutrition. The first of its kind in the United States, our program brings together the study of human genes, nutrition, lifestyle choices, and metabolic diseases to teach students how nutrition and exercise programs, tailored to an individual’s genetic composition, can prevent and mitigate common diseases. Precision health and wellness is the future of medicine, and the University of Arizona is the only place where undergraduate students can begin to prepare for a career in this groundbreaking field.</p> <p>Students in this major will build upon big data solutions developed for precision medicine and cancer treatment by finding new ways to apply data to better understand precision health from a holistic perspective, including interactions between genes, diets, and lifestyles. Students will take courses in genomics, metabolomics, lipidomics, and transcriptomics to acquire a strong foundation in data sciences and the research and technologies shaping modern healthcare.</p> <ol style="list-style-type: none"> 1. Apply scientific evidence, best practices, and professional judgment when examining the relationships between the human genome nutrition, lifestyles, metabolism, gene-diet/lifestyle interactions, racial/ethnic disparities and human diseases. 2. Develop, interpret and analyze scientific verbal, written, and multimedia communications. 3. Describe how next-generation technologies, genetics and metabolomics tools, and biomedical resources can be used to acquire and analyze large and complex datasets. This in turn will facilitate the identification of gene-nutrition/lifestyle interactions, the study of racial/ethnic health disparities and the capacity to predict and prevent human diseases to optimize health and quality of life. 4. Demonstrate problem solving and critical reasoning skills related to biomedicine and bioethics.

Reason for Disestablishing the Program: The BS in Precision Nutrition and Wellness (PNW) has a current enrollment of approximately seven students - the program is not sustainable in its current iteration.

Disestablishment Plan

There are currently seven students enrolled in the degree program. These students will have the choice to complete the BS in PNW or change into another degree of their choosing. Students who decide to complete the BS in PNW will have access to the courses needed to graduate, as well as advising services and the regular academic supports available to students in NSW.

How will program resources be reallocated? (i.e. faculty and administrative positions; infrastructure, etc.):

There is currently one part-time instructor coordinating and teaching in the program. After the program is disestablished, the instructor will be reassigned to other teaching responsibilities. No other personnel or infrastructure reallocations will be needed.

Is this program in an ABOR designated high demand field? YES NO
Is the discontinued program in education, health, science, technology, engineering, or math (STEM)?

Executive Director Signature: Ken Wilford

Date: 2/20/24