



## Request for Substantial Changes to an Existing Program

- I. Program Details
  - a) Name (and Degree Type) of Academic Program: BS Nutritional Sciences
    - i) Emphases (if applicable): Dietetics
  - b) Academic Unit(s)/College(s): School of Nutritional Sciences and Wellness/College of Agriculture, Life, and Environmental Sciences
- II. Primary Contact and Email: Kelly Jackson, [kjackson@arizona.edu](mailto:kjackson@arizona.edu)
- III. Planned start term for changes: Fall 2024
- IV. Describe the proposed changes to the program as well as the rationale for making the specific changes and include any relevant supporting data.

The proposed changes include 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 one of the primary changes being proposed is to make dietetics a stand-alone degree program in line with other ACEND accredited program across the US. There are also proposed changes to dietetics course requirements to include a success course series that would better prepare students for the dietetics internship process and professional environment. In addition, some of the supporting science requirements were reduced to incorporate additional nutrition counseling requirements.

Logistically, it has been difficult to manage an accredited program that has been housed within a degree as sub-plan/emphasis. Implementing accreditation and other requirements has been difficult, as this also necessitated updates to the Nutrition subplan to maintain equal number of units. Additional curriculum updates are proposed to meet the needs of students in their careers as dietitians.

- V. Comparison Chart

<b>UNDERGRADUATE</b> Only list modifications to requirements, if there is no change, leave blank.	<b>Existing Major Requirements</b>	<b>Requirements For Modified Major</b>
Name of major, emphasis (if applicable) and degree*	BS Nutritional Sciences Emphases: Dietetics	BS Nutrition and Dietetics

CIP Code –lookup <a href="#">here</a> or contact <a href="#">the Office of Curricular Affairs</a> for assistance, if needed	CIP 30.1901 Nutrition Sciences	
Total units required to complete the degree* (Note: this is for the entire degree, not just the major)	120	
Upper division units required to complete the degree	42	
Total CC transfer units that may apply to this degree*	64	
Foundation courses		
<a href="#">Math</a>	Moderate Math Strand	
<a href="#">Second Language</a>	Second semester proficiency	
<a href="#">General Education</a>		
Introduction to General Education course (1 unit)	Intro to General Education course (1 unit)	
GE Exploring Perspectives: Choose one course from each domain. (12 units total)	Artist (1 course) Humanist (1 course) Natural Scientist (1 course) Social Scientist (1 course)	
GE Building Connections: Choose three courses (9 units) from two or more disciplines and/or perspectives.	GE Building Connections: Complete 3 courses, 9 units total.	
GE Capstone course (1 unit)	GE Capstone course (1 unit)	
Pre-major? (Yes/No)	No	
List any special requirements to declare or gain admission to this major (completion of specific coursework, minimum GPA, interview, application, etc.)	None	
Minimum # of units required in the major (units counting towards major units and major GPA)	58	56
Minimum # of upper-division units required in the major (upper division units counting towards major GPA)	24	22
<a href="#">Minimum # of residency units to be completed in the major</a>	18	
Required supporting coursework (courses that do not count towards major units and major GPA but are required for the major). Courses listed must include prefix, number, units, and title. Include any limits/restrictions in place/needed (house number limit, etc.). Provide email(s)/letter(s) of support from home department head(s) for courses not owned by your department.	-Statistics, choose 1 from the following: ISTA 116 (3), MATH 163 (3), MATH 263 (3), SBS 200 (3), AREC 239 (3), PSY 230 (3), SOC 375 (3), BIOS 376 (3) -MCB 181R (3) Introductory Biology I -MCB 181L (1) Introductory Biology I Lab -MIC 205A (3) Microbiology -MIC 205L (1) Microbiology Lab	-Statistics, choose 1 from the following: ISTA 116 (3), MATH 163 (3), MATH 263 (3), SBS 200 (3), AREC 239 (3), PSY 230 (3), SOC 375 (3), BIOS 376 (3) -MCB 181R (3) Introductory Biology I -MCB 181L (1) Introductory Biology I Lab -MIC 205A (3) Microbiology -MIC 205L (1) Microbiology Lab -PSIO 201 (4) Anatomy

	<ul style="list-style-type: none"> <li>- PSIO 201 (4) Anatomy</li> <li>-PSIO 202 (4) Physiology</li> <li>-General Chemistry I with lab (4 units), choose one of the following: CHEM 141, CHEM 143, CHEM 145, CHEM 151, CHEM 161, CHEM 163</li> <li>-General Chemistry II with lab (4 units), choose one of the following: CHEM 142, CHEM 144, CHEM 146, CHEM 152, CHEM 162, CHEM 164</li> <li>- CHEM 241A (3) Organic Chemistry I</li> <li>-Science Elective (3), choose one of the following: ACBS 312, ACBS 419, ARL 452, CHEM 241B, CHS 303, CHS 350, ECOL 182R, ECOL 326, HPS 306, IMB 401, MCB 325, MCB 340, MIC 328R, MIC 340, MIC 419, MIC 421B, MIC 430, MIC 452, NROS 307, NURS 350, PHCL 412, PHCL 422, PHCL 442, PHYS 102, PHYS 103, PLP 452, PLS 312, PLS 340, PSIO 452, PSY 382, PSY 383, SOC 303, SOC 350</li> </ul>	<ul style="list-style-type: none"> <li>-PSIO 202 (4) Physiology</li> <li>-General Chemistry I with lab (4), choose one of the following: CHEM 141, CHEM 143, CHEM 145, CHEM 151, CHEM 161, CHEM 163</li> <li>-General Chemistry II with lab (4), choose one of the following: CHEM 142, CHEM 144, CHEM 146, CHEM 152, CHEM 162, CHEM 164</li> <li>- CHEM 241A (3) Organic Chemistry I</li> </ul>
<p>Major requirements. List all major requirements including core and electives. If applicable, list the emphasis requirements. Courses listed count towards major units and major GPA. Courses listed must include prefix, number, units, and title. Mark new coursework (New). Include any limits/restrictions in place/needed (house number limit, etc.). Provide email(s)/letter(s) of support from home department head(s) for courses being added and are not owned by your department. Recommend ordering requirements in the same order as your advisement report.</p>	<ul style="list-style-type: none"> <li>-NSC 101 (3) Introduction to Nutrition (3)</li> <li>-NSC 225 (2) Foundational Skills in Nutritional Sciences</li> <li>-NSC 301 (3) Nutrition and Lifecycle</li> <li>-NSC 396A (1) Survey of Nutrition Careers</li> <li>-NSC 260 (3) Nutrition Communication and Scientific Literacy</li> <li>-NSC 351R (3) Fundamentals of Food Science</li> <li>-NSC 395A (2) Experiential Learning in Nutritional Sciences</li> <li>-NSC 308 (3) Nutrition and Metabolism</li> <li>-BIOC 384 (3) Foundations in Biochemistry</li> <li>-BIOC 385 (3) Metabolic Biochemistry</li> <li>-NSC 408 (3) Nutritional Biology</li> <li>-NSC 351L (1) Fundamentals of Food Science Lab</li> <li>-NSC 358L (1) Institutional Food Management Lab</li> </ul>	<ul style="list-style-type: none"> <li>-NSC 101 (3) Introduction to Nutrition (3)</li> <li>-NSC 225 (2) Foundational Skills in Nutritional Sciences</li> <li>-NSC 301 (3) Nutrition and Lifecycle</li> <li>-NSC 195A (1) Survey of Nutrition Careers (NEW COURSE IN PROGRESS)</li> <li>-NSC 260 (3) Nutrition Communication and Scientific Literacy</li> <li>-NSC 351R (3) Fundamentals of Food Science</li> <li>-(New) NSC 395D-Earning the RD Credential (1)</li> <li>-NSC 395A-Experiential Learning in Nutritional Sciences (2)</li> <li>NSC 308 (3) Nutrition and Metabolism</li> <li>-NSC 408 (3) Nutritional Biology</li> <li>-NSC 351L (1) Fundamentals of Food Science Lab</li> <li>NSC 358L-Institutional Food -NSC 358L (1) Institutional Food Management Lab</li> <li>-NSC 358R (2) Institutional Food Management</li> <li>-NSC 325 (4) Foundations of Medical Nutrition Therapy</li> </ul>

	<p>-NSC 358R (2) Institutional Food Management</p> <p>-NSC 325 (4) Foundations of Medical Nutrition Therapy</p> <p>-NSC 325L (1) Foundations of Medical Nutrition Therapy Lab</p> <p>-NSC 420 (2) Nutrition Education and Counseling</p> <p>-NSC 425 (4) Medical Nutrition Therapy I</p> <p>-NSC 435 (4) Medical Nutrition Therapy II</p> <p>-NSC 444 (3) Community Nutrition</p> <p>-NSC 458 (3) Food Service Organization and Management</p> <p>-NSC 495A (1) Dietetic Internship Prep</p> <p>-NSC Elective (3) select one from the following: ACBS 377, AIS 497F, AREC 365, CALS 195C, CHEM 243A, CHEM 243B, CLAS 116B, COMM 119, ECOL 182L, ENVS 497F, FOOD 101, FOOD 102, FOOD 300, FOOD 302, GEOG 497F, HPS 497F, LAS 497F, MATH 113, MATH 122A, MATH 122B, MATH 125, MIC 430L, NAFS 101, NAFS 102, NAFS 300, NAFS 302, NAFS 365, NSC 115, NSC 150C1, NSC 170C2, NSC 255, NSC 275, NSC 311, NSC 312, NSC 315, NSC 320, NSC 332, NSC 365, NSC 370, NSC 371L, NSC 371R, NSC 375, NSC 376, NSC 377, NSC 392, NSC 395B, NSC 415L, NSC 415R, NSC 430L, NSC 445, NSC 455, NSC 475, NSC 492, NSC 497A, NSC 497B, NSC 497F, NSC 498H, PHYS 103, PHYS 181, PHYS 182, PLS 497F, PR 119, STCH 497F, TLS 497F</p>	<p>-NSC 325L (1) Foundations of Medical Nutrition Therapy Lab</p> <p>-NSC 420 (2) Nutrition Education and Counseling</p> <p>-NSC 425 (4) Medical Nutrition Therapy I</p> <p>-NSC 435 (4) Medical Nutrition Therapy II</p> <p>-NSC 444 (3) Community Nutrition</p> <p>-NSC 458 (3) Food Service Organization and Management</p> <p>-NSC 495A (1) Dietetic Internship Prep</p> <p>-Biochemistry (3), choose one of the following (3 units): BIOC 384 (3) Foundations in Biochemistry, BIOC 385 (3) Metabolic Biochemistry</p> <p>-Major Elective (3), select one of the following: NSC 391 (1-3) Preceptorship, NSC 392 (1-3) Directed Research, NSC 393 (1-3) Internship, ACBS 377, AIS 497F, AREC 365, CALS 195C, CHEM 243A, CHEM 243B, CLAS 116B, COMM 119, ECOL 182L, ENVS 497F, FOOD 101, FOOD 102, FOOD 300, FOOD 302, GEOG 497F, HPS 497F, LAS 497F, MATH 113, MATH 122A, MATH 122B, MATH 125, MIC 430L, NAFS 101, NAFS 102, NAFS 300, NAFS 302, NAFS 365, NSC 115, NSC 150C1, NSC 170C2, NSC 255, NSC 275, NSC 311, NSC 312, NSC 315, NSC 320, NSC 332, NSC 365, NSC 370, NSC 371L, NSC 371R, NSC 375, NSC 376, NSC 377, NSC 392, NSC 395B, NSC 415L, NSC 415R, NSC 430L, NSC 445, NSC 455, NSC 475, NSC 492, NSC 497A, NSC 497B, NSC 497F, NSC 498H, PHYS 103, PHYS 181, PHYS 182, PLS 497F, PR 119, STCH 497F, TLS 497F</p>
Internship, practicum, applied course requirements. (Yes/No). If yes, provide description.	No	
Senior thesis or senior project required (Yes/No). If yes, provide description.	No	
Additional requirements (provide description)	N/A	
Minor (optional or required)	N/A	

\* These changes require Arizona Board of Regents (ABOR) approval.

VI. Faculty impact – will new faculty hires be required to deliver the new, proposed curriculum?

No changes in faculty are anticipated.

VII. Budgetary impact – indicate new resources needed and source of funding to implement proposed changes. If reallocating resources, indicate where resources will be taken from and the impact this will have on students/faculty/program/unit.

There is no budgetary impact anticipated.

VIII. Transfer Student Consideration – Please explain how you have planned and evaluated the changes you requested in the context of:

- Mitigating the complexity of the transfer pathway/curriculum
- Supporting transfer student success
- Ensuring transferability of course work from Arizona community colleges

Since the accredited program exists already, there are no anticipated adjustments needed for transfer students or articulation.

IX. Required signatures

Program Director/Main Proposer (print name and title): Kelly Jackson, Director of Undergraduate Programs, School of Nutritional Sciences and Wellness

Program Director/Main Proposer signature:



Date: 11-16-2023

Department Head (print name and title): Ken Wilund, Director, School of Nutritional Sciences and Wellness

Department Head's signature:



Date:

11-17-2023

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Associate/Assistant Dean (print name): Michael Staten,

Associate/Assistant Dean's signature:



Date:

December 5, 2023

Dean (print name):

Dean's signature:

Date:

Graduate: For use by Curricular Affairs (for majors):

Committee	Approval date
GPERC	
Graduate Council	
College Academic Administrators Council	
Arizona Board of Regents (if applicable)	

For minors and certificates:

Committee	Approval date
GPERC	

UG: For use by Curricular Affairs (for majors):

Committee	Approval date
APC	
Undergraduate Council	
U-CAAC	

For minors and certificates:

Committee	Approval date
APS	
Undergraduate Council	