



Request for Substantial Changes to an Existing Program

- I. Program Details
 - a) Name (and Degree Type) of Academic Program: B.S. in Nutritional Sciences
 - i) Emphases (if applicable): Nutrition
 - 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
- III. Planned start term for changes: Fall 2024

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 more generalized nutritional sciences curriculum to a more focused set of requirements intended to prepare students for admission into health-related professional programs (e.g., medicine, pharmacy) and graduate school. The curriculum changes allow for better alignment with professional/graduate school admissions requirements. The new degree name more accurately represents the degree curriculum as a whole.

Rationale: The BS in Nutritional Sciences has two subplans (Dietetics, which is nationally accredited, and Nutrition) that we are modifying into standalone degree programs to better serve both student populations. The proposed program changes are part of School-level undergraduate program adjustments which will provide more flexibility to students with specific academic and professional goals and allow the School to more efficiently deliver curriculum and career guidance to students.

IV. Comparison Chart –

UNDERGRADUATE Only list modifications to requirements, if there is no change, leave blank.	Existing Major Requirements	Requirements For Modified Major
Name of major, emphasis (if applicable) and degree*	Nutritional Sciences- Nutrition Emphasis	Nutritional Sciences and Wellness
CIP Code –lookup here or contact the Office of Curricular Affairs 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	
Minimum # of units required in the major (units counting towards major units and major GPA)	58	59
Minimum # of upper-division units required in the major (upper division units counting towards major GPA)	24	15
Minimum # of residency units to be completed in the major	18	
Required supporting coursework	<ul style="list-style-type: none"> -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 -PSIO 202 (4) Physiology -General Chemistry I with lab (4 units), choose one of the following: CHEM 141, CHEM 143, CHEM 145, CHEM 151, CHEM 161, CHEM 163 -General Chemistry II with lab (4 units), choose one of the following: CHEM 142, CHEM 144, CHEM 146, CHEM 152, CHEM 162, CHEM 164 - CHEM 241A (3) Organic Chemistry I 	<ul style="list-style-type: none"> - 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 -MCB 181L (1) Introductory Biology Lab -MIC 205 A (3) Microbiology -MIC 205L (1) Microbiology Lab -ECOL 320 (3) Genetics - PSIO 201 (4) Anatomy -PSIO 202 (4) Physiology -CHEM 151 (4) General Chemistry I -CHEM 152 (4) General Chemistry II -CHEM 241A (3) Organic Chemistry I -BIOC 384 (3) Foundations in - Biochemistry BIOC 385 (3)

	<p>-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</p>	
Major requirements.	<p>-NSC 101 (3) Introduction to Nutrition -NSC 225 (2) Foundational Skills in Nutritional Sciences -NSC 260 (3) Nutrition Communication and Scientific Literacy -NSC 301 (3) Nutrition and Lifecycle -NSC 396A (1) Survey of Nutrition Careers -BIOC 384 (3) Foundations in - Biochemistry BIOC 385 (3) -NSC 308 (3) Nutrition and Metabolism -NSC 351R (3) Fundamentals of Food Science -NSC 408 (3) Nutritional Biology -NSC 395A (2) Experiential Learning in Nutritional Sciences -NSC 410 (3) Applied Nutrition and Disease -NSC 325 (4) Foundations of Medical Nutrition Therapy</p> <p>Nutrition Emphasis Electives (30 units) ACBS 377, AIS 497F, CALS 195C, CHEM 243A, CHEM 243B, CLAS 116B, COMM 119, ECOL 182L, EMD 350, ENVS 497F, FOOD 101, FOOD 102, FOOD 300, FOOD 302, GEOG 497F, HPS 497F, LAS 497F, MATH 113, MATH 120R, MATH 122A, MATH 122B, MATH 125, MIC 430L, NAFS 101, NAFS 102, NAFS 300, NAFS 302, NSC 115, NSC</p>	<p>-NSC 101 (3) Introduction to Nutrition - NSC 260 (3) Nutrition Communication and Scientific Literacy - NSC 275 (3) Fundamentals of Precision Nutrition and Wellness - NSC 308 (3) Nutrition and Metabolism - NSC 312 (3) Weight Stigma - NSC 408 (3) Nutritional Biology - NSC 410 (3) Applied Nutrition and Disease</p> <p>-Experiential Learning, complete two units of the following: NSC 391 (1-3) Preceptorship, NSC 392 (1-3) Directed Research, NSC 393 (1-3) Internship, NSC 395A (2) Experiential Learning in Nutritional Sciences</p> <p>-(New) NSC 195A (1) Career Exploration -(New) NSC 395C (1) Grad Exploration</p> <p>- Health Sciences electives, complete 16 units from the following: PHYS 181(1), PHYS 102(3), PHYS 182(1), PHYS 103(3), ECOL 182R(3), ECOL 182L(1),CHEM 243A(1), CHEM 241B(3), PHCL 442(3), PHCL 422(3), PHCL 412(3),PSY 381(3), PSY 383(3), PSY 200(3), PSY</p>

	150C1, NSC 170C2, NSC 275, NSC 311, NSC 312, NSC 315, NSC 320, NSC 325L, NSC 332, NSC 351L, NSC 358L, NSC 358R, NSC 370, NSC 371L, NSC 371R, NSC 375, NSC 376, NSC 377, NSC 392, NSC 395B, NSC 415L, NSC 415R, NSC 420, NSC 425, NSC 430L, NSC 435, NSC 444, NSC 445, NSC 455, NSC 458, NSC 475, NSC 492, NSC 497A, NSC 497B, NSC 497C, NSC 497F, NSC 498H, PHYS 181, PHYS 182, PLS 497F, PR 119, STCH 497F, TLS 497F	240(3), PSY150A1(3), HPS 306(3), SOC 303(3), SOC 350(3), PLS 340(3), PLS 312(3), CLAS 116B(3) - Nutrition electives, complete 15 units from the following: NSC 212 (3), NSC 412 (3), NSC 422 (3), NSC 432(3), NSC 315(3), NSC 415R(3), NSC 415L(1), NSC 351L(1), NSC 371L(1), NSC 301, (3), NSC 320(3), NSC 332(3), NSC 375(3), NSC 475(3), NSC 376(3), NSC 445(3), NSC 455(3) - Food & fermentation, complete 3 units from the following: NSC 353 (3) Food Science and Safety, NSC 351R (3) Food Science, NSC 371R (3), NSC 170C2 (3), NSC 255(3) Cultural Foods, NSC 455(6) Study Abroad - Mediterranean Diet and Health, (New) NSC 361 (3) Culinary Medicine
Internship, practicum, applied course requirements. (Yes/No). If yes, provide description.	Yes- NSC 395A (2) Experiential Learning in Nutritional Sciences	Yes- Experiential Learning, complete two units of the following: NSC 391 (1-3) Preceptorship, NSC 392 (1-3) Directed Research, NSC 393 (1-3) Internship, NSC 395A (2) Experiential Learning in Nutritional Sciences
Senior thesis or senior project required (Yes/No). If yes, provide description.	No	No
Additional requirements (provide description)	No	No
Minor (optional or required)	No	No

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

- V. Faculty impact – will new faculty hires be required to deliver the new, proposed curriculum?
No, faculty are already in place to teach all degree requirements.
- VI. 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.
No reallocation of resources will be necessary.

VII. 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

The requested curriculum updates should not have an impact on transferability of course work. If anything, the proposed degree requirement changes are more liberalized, allowing for more flexibility in using transfer credit toward degree requirements.

VIII. 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: 2/16/2024

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

Department Head's signature:



Date: 2/20/24

Associate/Assistant Dean (print name): Michael Staten

Associate/Assistant Dean's signature:



Date: 2/20/2024

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	