

BS IN NUTRITION AND FOOD



SACRAMENTO STATE
Redefine the Possible

In Workflow

1. FACS Committee Chair (shiltsm@csus.edu)
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3. SSIS College Committee Chair (wickelgr@csus.edu)
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Approval Path

1. Wed, 15 Mar 2023 16:22:41 GMT
Mical Shilts (shiltsm): Approved for FACS Committee Chair
2. Wed, 15 Mar 2023 19:15:42 GMT
Lynn Hanna (lhanna): Approved for FACS Chair
3. Tue, 18 Apr 2023 22:34:53 GMT
Emily Wickelgren (wickelgr): Rollback to FACS Chair for SSIS College Committee Chair
4. Tue, 18 Apr 2023 23:23:40 GMT
Lynn Hanna (lhanna): Rollback to FACS Committee Chair for FACS Chair
5. Wed, 19 Apr 2023 22:23:46 GMT
Mical Shilts (shiltsm): Approved for FACS Committee Chair
6. Thu, 20 Apr 2023 16:41:59 GMT
Lynn Hanna (lhanna): Approved for FACS Chair
7. Thu, 20 Apr 2023 20:55:41 GMT
Emily Wickelgren (wickelgr): Approved for SSIS College Committee Chair
8. Tue, 16 May 2023 16:58:40 GMT
Marya Endriga (mendriga): Approved for SSIS Dean

History

1. Jan 3, 2019 by Kaitlyn Ehrmantrout (k.ehrmantrout)
2. Jan 4, 2019 by Kaitlyn Ehrmantrout (k.ehrmantrout)
3. Nov 10, 2020 by Mical Shilts (shiltsm)
4. Apr 23, 2021 by Katie Hawke (katiedickson)
5. Feb 23, 2022 by Wendy Buchan (wbuchan)
6. Feb 22, 2023 by Mical Shilts (shiltsm)

Date Submitted: Tue, 14 Mar 2023 22:40:37 GMT

Viewing: BS in Nutrition and Food

Last approved: Wed, 22 Feb 2023 18:12:52 GMT

Last edit: Thu, 20 Apr 2023 20:55:31 GMT

Changes proposed by: Mical Shilts (102012285)

Academic Group: (College)

Social Sciences & Interdisciplinary Studies

Academic Organization: (Department)

Family and Consumer Sciences

Catalog Year Effective:

2023-2024 Catalog

Individual(s) primarily responsible for drafting the proposed degree major program:

Name (First Last)	Email	Phone 999-999-9999
Mical K Shilts	shiltsm@csus.edu	916-628-4910
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Type of Program Proposal:

Major

Program Change Type:

Non-Substantive

Title of the Program:

BS in Nutrition and Food

Designation: (degree terminology)

Bachelor of Science

Briefly describe the program proposal (new or change) and provide a justification:

We are proposing changes to our BS NUFD elective options.

We want to add two new elective options (NUFD 122 and 111) and delete one option (NUFD 112).

NUFD 122 (Social Media for Nutrition Communication) and NUFD 111 (Grocery Procurement & Merchandising) are new courses that have already undergone curriculum approval and are in the schedule for the 23/24 academic year so the next step is to add them to the elective options in the major. These courses will be offered alternatively with other NUFD electives so they won't have fiscal or programmatic impact. Both of these electives are relevant to the NUFD major and reflective of career opportunities with increased use of social media in nutrition education (NUFD 122) and increased career opportunities within the food retail sector (NUFD 111).

Since there is now a robust offering of electives (NUFD 111, 116, 117, 120, 121 & 122), we are proposing to delete NUFD 112, Current Topics in Nutritional Sciences, as an option. This course overlaps with content from other required major courses including foundational nutrition concepts covered in NUFD 10 and 113; therefore, students would benefit from taking other elective options to increase competency and career readiness.

Lastly, two updates to the GE Requirements section have been made to align with the major courses, NUFD 114 (area C) and PSYC 2(area D) with the addition of footnote 2 "Required in Major; also satisfies GE." These are not new GE courses but have not been updated in this table.

University Learning Goals**Undergraduate Learning Goals:**

Competence in the disciplines
 Knowledge of human cultures and the physical and natural world
 Integrative learning
 Personal and social responsibility
 Intellectual and practical skills

Program Learning Outcomes

Program Learning Outcomes

Learning Outcome

PLO 1: Demonstrate scientific knowledge of fundamental skills, values, resources, current trends, theories, and issues relating to the utilization of food for human growth and metabolism from the interdisciplinary perspective in Dietetics, Food Administration and Nutrition.

PLO 2: Demonstrate effective communication skills: a) as individuals and collaborators, b) in written and verbal forms, c) in delivery and receipt directions, d) including the use of current technology in the field of Dietetics, Food Administration and Nutrition.

PLO 3: Analyze and critique information for effective problem solving and scientific evidence in the field of Dietetics, Food Administration and Nutrition.

PLO 4: Apply and evaluate key values as individuals and describe how ethics and values are applied in the field of Dietetics, Food Administration and Nutrition.

PLO 5: Examine how multiple perspectives from other disciplines, societies, individuals, groups and cultures influence issues relating to the utilization of food for human growth and metabolism, as well as interdisciplinary science in the field of Dietetics, Food Administration and Nutrition.

Will this program be required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

Do these changes impact the Smart Planner roadmap?

No

Catalog Description:

Units required for Major: 54

Total units required for BS: 120

Program Description

The major prepares students for careers in the field of nutrition, food management, and community nutrition, and food sustainability. The major emphasizes the role of nutrition and food in individual and family health, cultural and behavioral influences on food selection, and the management of commercial and noncommercial food systems. The major is offered in three modalities to meet student needs: in-person, hybrid (combination of online and in-person courses), and online. The online major courses will include asynchronous and synchronous formats.

Admission Requirements: Course prerequisites and other criteria for admission of students to the degree major program, and for their continuation in it.

Minimum Grade Requirement

A minimum grade of "C-" is required for all prerequisite courses within and outside the Department.

As defined by policy <http://www.csus.edu/umannual/acadaff/fsm00010.htm>, a change in units constitutes a substantive change to the program. If your changes constitute a substantive change, please refer back to the "Program Change Type" field above to ensure that "Substantive" is selected.

Program Requirements: (If new courses are being created as part of a new program, it will be useful to propose courses first.)

Program Requirements

Code	Title	Units
Required Core Courses (48 Units)		
BIO 10	Basic Biological Concepts ¹	3
CHEM 1A	General Chemistry I ^{1,2}	5
or CHEM 6A	Introduction to General Chemistry	
NUFD 9	Food Safety and Sanitation	3
NUFD 10	Nutrition And Wellness ¹	3
NUFD 11	Principles of Food Preparation	3
NUFD 100	Research: Methods and Application in Nutrition and Food	3
NUFD 168	Senior Seminar	3

PSYC 2	Introductory Psychology ¹	3
STAT 1	Introduction to Statistics ¹	3
NUFD 107	Nutrition Education, Communication, and Counseling	3
NUFD 110	Food Production and Sustainability	4
NUFD 113	Nutrition And Metabolism ¹	3
NUFD 114	Cultural and Social Aspects of Food ¹	3
NUFD 115	Nutrition: Pre-conception Through Childhood	3
NUFD 119	Nutrition: Adolescence Through Older Adulthood	3
Required Upper Division Courses (6 Units)		
Select two of the following:		6
NUFD 111	Grocery Procurement & Merchandising	
NUFD 116	Food Service Management	
NUFD 117	Community Nutrition	
NUFD 118A	Medical Nutrition Therapy I	
NUFD 120	Practical Application in Sports Nutrition	
NUFD 121	Nutrition Assessment, Methods and Support	
NUFD 122	Social Media for Nutrition Communication	
Total Units		54

¹ Course also satisfies General Education (GE)/Graduation Requirement.

² Dietetics concentration students must take CHEM 1A

Note: CHEM 1A, CHEM 1B, and CHEM 20 are recommended for students who plan to complete the dietetics concentration or graduate studies in nutrition.

General Education Requirements ¹

Code	Title	Units
Area A: Basic Subjects (9 Units)		
A1	Oral Communication	3
A2	Written Communication	3
A3	Critical Thinking	3
Area B: Physical Universe and Its Life Forms		
B1	Physical Science ²	0
B2	Life Forms ²	0
B3	Lab (Note: Lab experience to be taken with one of the following: B1, B2 or B5) ²	0
B4	Math Concepts ²	0
B5	Additional Course (Any B to reach 12 units) - Take upper-division course to complete Area & upper division requirements. ²	0
Area C: Arts and Humanities (9 Units)		
C1	Arts	3
C2	Humanities	3
C1/C2	Area C Course	3
C1/C2	Area C Course - Take upper-division course to complete Area & upper division requirements. ²	0
Area D: The Individual and Society (6 Units)		
Area D	Course	3
Area D	Course ²	0
Area D	Course - Take upper-division course to complete Area & upper division requirements.	3
Area E: Understanding Personal Development		
Area E	Course ²	0
Area F: Ethnic Studies		
Area F	Course	
Total Units		24

¹ To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

Note: There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email (advising@csus.edu).

² Required in Major; also satisfies GE.

Graduation Requirements ¹

Code	Title	Units
Graduation Requirements (required by CSU) (9 Units)		
	American Institutions: U.S. History	3
	American Institutions: U.S. Constitution & CA Government	3
	Writing Intensive (WI)	3
Graduation Requirements (required by Sacramento State) (12 Units)		
	English Composition II	3
	Race and Ethnicity in American Society (RE)	3
	Foreign Language Proficiency Requirement ²	6

¹ To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

Note: There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email (advising@csus.edu).

² If not satisfied before entering Sacramento State, it may be satisfied in General Education Area C2 (Humanities). "C- or better required." The alternative methods for satisfying the Foreign Language Proficiency Requirement are described here: <https://www.csus.edu/college/arts-letters/world-languages-literatures/foreign-language-requirement.html> (<https://www.csus.edu/college/arts-letters/world-languages-literatures/foreign-language-requirement.html>)

Fiscal Impact to Change an Existing Program

Indicate programmatic or fiscal impact which this change will have on other academic units' programs, and describe the consultation that has occurred with affected units:

No fiscal or programmatic impact is anticipated. Electives will be offered in alternating semesters so the new options will not increase cost of schedule.

Provide a fiscal analysis of the proposed changes:

N/A

How will the above changes be accommodated within the department/College existing fiscal resources?

N/A

Will the proposed changes require additional resources?

No

What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed?

None

Reviewer Comments:

Emily Wickelgren (wickelgr) (Tue, 18 Apr 2023 22:34:53 GMT): Rollback: Per request on 4/18/23

Lynn Hanna (lhanna) (Tue, 18 Apr 2023 23:23:40 GMT): Rollback: So that you may updated footnotes to reflect GE and anything else you feel needs to be updated

Key: 432