

Program Change Request

Date Submitted: 11/05/19 7:16 am

Viewing: **FDSCBS-FDTN : Food Science: Food Technology Concentration**

Last approved: 05/21/19 10:42 am

Last edit: 11/14/19 3:40 pm

Changes proposed by: hamilton

Catalog Pages Using
this Program

[Food Science \(FDSC\)](#)

Submitter: User ID: **hamilton kuleza** Phone:

5299 7456

Program Status Active

Academic Level Undergraduate

Type of proposal Major/Field of Study

Select a reason for this modification

Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding/changing Focused Study or Track)

Are you adding a concentration?

No

Are you adding or modifying a track?

No

Are you adding or modifying a focused study?

No

Effective Catalog Year Fall 2020

College/School Code

In Workflow

1. **AFLS Dean Initial**
2. **Director of Program Assessment and Review**
3. **Registrar Initial**
4. **Institutional Research**
5. **FDSC Chair**
6. **FDSC Curriculum Committee**
7. **AFLS Faculty**
8. **AFLS Dean**
9. **Global Campus**
10. **Provost Review**
11. University Course and Program Committee
12. Faculty Senate
13. Provost Final
14. Provost's Office-- Notification of Approval
15. Registrar Final
16. Catalog Editor Final

Approval Path

1. 10/31/19 8:54 am
Lona Robertson (ljrobert): Approved for AFLS Dean Initial
2. 11/04/19 3:33 pm
Alice Griffin (agriffin): Rollback to Initiator

Bumpers College of Agricultural, Food, and Life Sciences (AFLS)

Department Code

3. 11/05/19 8:26 am
Lona Robertson
(ljrobert): Approved
for AFLS Dean Initial
4. 11/05/19 11:21 am
Alice Griffin
(agriffin): Approved
for Director of
Program
Assessment and
Review
5. 11/05/19 1:27 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial
6. 11/06/19 10:04 am
Gary Gunderman
(ggunderm):
Approved for
Institutional
Research
7. 11/11/19 11:59 am
Jeyamkondan
Subbiah (jsubbiah):
Approved for FDSC
Chair
8. 11/14/19 2:29 pm
Gary McDonald
(gmcdonal):
Approved for FDSC
Curriculum
Committee
9. 11/15/19 5:57 pm
Michael Thomsen
(mthomsen):
Rollback to FDSC
Curriculum
Committee for AFLS
Faculty
10. 12/05/19 1:34 pm

Gary McDonald

(gmcdonal):

Approved for FDSC

Curriculum

Committee

11. 12/12/19 8:57 am

Michael Thomsen

(mthomsen):

Approved for AFLS

Faculty

12. 12/12/19 9:46 am

Lona Robertson

(ljrobert): Approved

for AFLS Dean

13. 12/12/19 1:22 pm

Suzanne Kenner

(skenner): Approved

for Global Campus

History

1. Aug 15, 2014 by

Leepfrog

Administrator

(clhelp)

2. Jun 10, 2015 by

Charlie Alison

(calison)

3. Aug 3, 2015 by

Charlie Alison

(calison)

4. Aug 3, 2015 by

Charlie Alison

(calison)

5. Aug 4, 2015 by

Charlie Alison

(calison)

6. Aug 14, 2015 by Lisa

Kulczak (lkulcza)

7. Apr 2, 2018 by Gina

Daugherty

(gdaughter)

8. May 24, 2018 by

Lisa Kulczak (lkulcza)

9. May 21, 2019 by

Lisa Kulczak (lkulcza)

Department of Food Science (FDSC)

Program Code FDSCBS-FDTN

Degree Bachelor of Science in Agricultural, Food & Life Sciences

CIP Code

01.1001 - Food Science.

Program Title

Food Science: Food Technology Concentration

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

No

What are the total **21** hours needed to complete the program?

Program Requirements and Description

Requirements

Additional Requirements for Food Technology Concentration (21 hours)

MATH 2043	Survey of Calculus (ACTS Equivalency = MATH 2203)	3
Completion of a minor to provide multidisciplinary educational background 2		15
General Elective		3
FDSC 2523	Sanitation and Safety in Food Processing Operations	

FDSC 4122 Food Microbiology
& FDSC 4121L and Food Microbiology Lab

Complete one of the following options (students must declare chosen minor with Bumpers College Dean's Office)

Option 1: Agribusiness Minor (AGBS-M) 15

ISYS 1120 Computer Competency Requirement
AGEC 2142 Agribusiness Financial Records
 & AGEC 2141L and Agribusiness Financial Records Lab
AGEC 2303 Introduction to Agribusiness
AGEC 3303 Food and Agricultural Marketing
AGEC 4313 Agricultural Business Management

Select one 3000-4000 level business course from the departmental codes: ACCT, AGEC, ECON, FINN, ISYS, MGMT, MKTG, SPCM or WCOB

Option 2: General Business Minor (GBUS-M) 15

ISYS 1120 Computer Competency Requirement
ACCT 2013 Accounting Principles
MGMT 3563 Management Concepts and Organizational Behavior
MKTG 3433 Introduction to Marketing

Select two 3000-4000 level Walton College courses chosen from department codes: ACCT, ECON, FINN, ISYS, MGMT, MKTG, SPCM or WCOB

Option 3: General Foods and Nutrition Minor (GFNU-M) 18

NUTR 1213 Fundamentals of Nutrition
NUTR 2113 Principles of Foods
 & NUTR 2111L and Principles of Foods Laboratory
NUTR 3203 Human Nutrition
NUTR 4213 Advanced Nutrition

Select two of the following:

NUTR 2203 Sports Nutrition
NUTR 4223 Life Cycle Nutrition
NUTR 4243 Community Nutrition

Total Hours 21

2 Students must declare chosen minor with the Bumpers College Dean's Office

8-Semester Plan

Food Science B.S.A., Food Technology Concentration

Nine-Semester Degree Program

Because the Food Technology Concentration requires an internship one summer, students cannot enroll in an Eight-Semester Program. See the [Eight-Semester Degree Policy](#) for requirements of the eight-semester programs. Students in the Food Technology Concentration must also minor in agribusiness, general business or nutrition.

First Year	Units		
	Fall	Spring	Summer
UNIV 1001 University Perspectives	1		
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)	3		
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103)	3		
BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)	4		
University Core in Fine Arts/Humanities or Social Science or History	3	-	-
FDSC 1011 Exploring Topics in Food Science	1		
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)		3	
Select one of the following:	-	3	-
Business minors only:			
 AGEC 1103 Principles of Agricultural Microeconomics or ECON 2143 Basic Economics: Theory and Practice			
Nutrition minors only:			
 University Core in Social Science			
Select one of the following:	-	3	-
Business minors only:			
 ISYS 1120 Computer Competency Requirement & MATH 2053 Finite Mathematics			
Nutrition minors only			
 NUTR 1213 Fundamentals of Nutrition			
CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)	4		
FDSC 1103 Introduction to Food Science		3	
FDSC 2523 Sanitation and Safety in Food Processing Operations		3	
Course required for selected minor		3	
Year Total:	12	16	

Second Year

Units

Are Similar Programs available in the area?

No

Estimated Student Demand for Program NA

Scheduled Program Review Date NA

Program Goals and Objectives

Program Goals and Objectives

NA

Learning Outcomes

Learning Outcomes

NA

Description and justification of the request

Description of specific change	Justification for this change
See program change for FDSCBS	See program change for FDSCBS

Upload attachments

Reviewer Comments

Alice Griffin (agriffin) (11/04/19 3:33 pm): Rollback: Please address the discrepancies in the semester plan as noted in the correspondence from 11/4/2019. Thank you.

Alice Griffin (agriffin) (11/05/19 11:12 am): Inserted total hours for concentration.

Michael Thomsen (mthomsen) (11/15/19 5:57 pm): Rollback: Per Dean's office request pending second reading

Key: 139