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)

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 (lrobert): Approved for AFLS Dean Initial
2. 11/04/19 3:33 pm
   Alice Griffin (agriffin): Rollback to Initiator

Submitter: User ID: hamilton lkulcza 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
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

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

Department Code

FDSCBS-FDTN: Food Science: Food Technology Concentration

https://nextcatalog.uark.edu/courseleaf/courseleaf.cgi?page=/programad...
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)
5. Aug 4, 2015 by Charlie Alison (calison)
6. Aug 14, 2015 by Lisa Kulczak (lkulcza)
7. Apr 2, 2018 by Gina
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 hours needed to complete the program? 21

Program Requirements and Description

Requirements

<table>
<thead>
<tr>
<th>Additional Requirements for Food Technology Concentration (21 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2043</td>
</tr>
<tr>
<td>Completion of a minor to provide multidisciplinary educational background</td>
</tr>
<tr>
<td>General Elective</td>
</tr>
</tbody>
</table>
Complete one of the following options (students must declare chosen minor with Bumpers College Dean’s Office)

Option 1: Agribusiness Minor (AGBS-M)  
- ISYS 1120  
- AGEC 2142  
- AGEC 2303  
- AGEC 3303  
- AGEC 4313  

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)  
- ISYS 1120  
- ACCT 2013  
- MGMT 3563  
- MKTG 3433  

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)  
- NUTR 1213  
- NUTR 2113  
- NUTR 3203  
- NUTR 4213  

Select two of the following:
- NUTR 2203
- NUTR 4223
- NUTR 4243

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](https://nextcatalog.uark.edu/courseleaf/courseleaf.cgi?page=/programad...) for requirements of the eight-semester programs. Students in the Food Technology Concentration must also minor in agribusiness, general business or nutrition.

<table>
<thead>
<tr>
<th>First Year</th>
<th>Units</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UNIV 1001</strong> University Perspectives</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 1013</strong> Composition I (ACTS Equivalency = ENGL 1013)</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td><strong>MATH 1203</strong> College Algebra (ACTS Equivalency = MATH 1103)</td>
<td>3</td>
<td></td>
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<tr>
<td><strong>BIOL 1543</strong> Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture)</td>
<td>4</td>
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<tr>
<td>&amp; <strong>BIOL 1541L</strong> Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)</td>
<td></td>
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</tr>
<tr>
<td><strong>University Core in Fine Arts/Humanities or Social Science or History</strong></td>
<td>3</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>FDSC 1011</strong> Exploring Topics in Food Science</td>
<td>1</td>
<td></td>
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<tr>
<td><strong>ENGL 1023</strong> Composition II (ACTS Equivalency = ENGL 1023)</td>
<td>3</td>
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<tr>
<td>Select one of the following:</td>
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</table>

**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) | 4     |      |        |       |
| & **CHEM 1101L** University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab) | 3     |      |        |       |
| **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   |        |       |

<table>
<thead>
<tr>
<th>Second Year</th>
<th>Units</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FDSCBS-FDTN: Food Science: Food Technology Concentration</strong> <a href="https://nextcatalog.uark.edu/courseleaf/courseleaf.cgi?page=/programad">https://nextcatalog.uark.edu/courseleaf/courseleaf.cgi?page=/programad</a>...</td>
<td>6</td>
<td>9</td>
<td>7</td>
<td>4</td>
</tr>
</tbody>
</table>
### Are Similar Programs available in the area?

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Estimated Student Demand for Program</td>
<td>NA</td>
</tr>
<tr>
<td>Scheduled Program Review Date</td>
<td>NA</td>
</tr>
</tbody>
</table>

### Program Goals and Objectives

<table>
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<tbody>
<tr>
<td>NA</td>
<td></td>
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</table>

### Learning Outcomes

<table>
<thead>
<tr>
<th>Learning Outcomes</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>NA</td>
<td></td>
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</table>

### Description and justification of the request

<table>
<thead>
<tr>
<th>Description of specific change</th>
<th>Justification for this change</th>
</tr>
</thead>
<tbody>
<tr>
<td>See program change for FDSCBS</td>
<td>See program change for FDSCBS</td>
</tr>
</tbody>
</table>

### 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