

Date Submitted: 12/11/19 7:08 am

## Viewing: **FDSCMS : Food Science, Master of Science**

Last approved: 02/17/16 4:17 pm

Last edit: 03/09/20 10:46 am

Changes proposed by: hamilton

Catalog Pages Using  
this Program  
[Food Science \(FDSC\)](#)

Submitter: User ID: **hamilton calison** Phone:  
**575-5299 575-6731**

Program Status Active

Academic Level Graduate

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 2021

College/School Code

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

### In Workflow

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

### Approval Path

1. 12/11/19 8:25 am  
Lona Robertson (ljrobert): Approved for AFLS Dean Initial
2. 12/11/19 8:26 am  
Pat Koski (pkoski):

Department Code

Department of Food Science (FDSC)

Program Code

FDSCMS

Degree

Master of Science

CIP Code

Approved for GRAD

Dean Initial

3. 12/12/19 12:43 pm

Alice Griffin

(agriffin): Approved

for Director of

Program

Assessment and

Review

4. 12/13/19 6:04 pm

Lisa Kulczak

(lkulcza): Approved

for Registrar Initial

5. 12/16/19 10:22 am

Gary Gunderman

(ggunderm):

Approved for

Institutional

Research

6. 12/16/19 5:45 pm

Jeyamkondan

Subbiah (jsubbiah):

Approved for FDSC

Chair

7. 01/23/20 10:35 am

Nathan Kemper

(nkemper):

Approved for FDSC

Curriculum

Committee

8. 03/02/20 1:43 pm

Kate Shoulders

(cshoulde):

Approved for AFLS

Faculty

9. 03/03/20 9:10 am

Lona Robertson

(ljrobert): Approved

for AFLS Dean

- 10. 03/03/20 11:08 am  
Suzanne Kenner  
(skenner): Approved  
for Global Campus
- 11. 03/07/20 9:16 am  
Terry Martin  
(tmartin): Approved  
for Provost Review

### History

- 1. Feb 17, 2016 by  
Charlie Alison  
(calison)

01.1001 - Food Science.

Program Title

Food Science, Master of Science

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? **30**

## Program Requirements and Description

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Requirements

**Admission to Master of Science Degree Program: The student must have a B.S. degree from an accredited institution with a grade-point average of no less than 3.00, minimum GRE score of 146 for verbal, 144 for quantitative and 3.0 for writing, suitable preparation in food science or related areas, and be acceptable to**

the department. International students must also have a minimum TOEFL score 79 internet-based/550 paper-based and 6.5 IELTS.

**Requirements for the Master of Science Degree:** A minimum of 24 semester hours of course work and 6 semester hours of thesis are required for the M.S. ~~degree. Course deficiencies, if any, will be identified at the time of acceptance. degree.~~ At least 14 course credits of the 24 credits required must be from 5000-level or higher courses. **Students are required to complete FDSC 5001 Seminar twice - one proposal seminar and one final seminar. Course deficiencies, if any, ~~in addition to coursework, the student~~ will be identified at the time of acceptance. In addition to coursework, the student will be required to ~~required to~~ conduct research and and prepare an acceptable thesis. Upon admission to this program the candidate will be assigned to a thesis director, who in consultation with the department head will select a graduate committee. This committee will assist with developing a suitable program for the candidate and will serve as the examination committee.**

**The student must maintain a grade-point average of 3.00 or higher.**

Students should also be aware of Graduate School requirements with regard to [master's degrees](#).

Are Similar Programs available in the area?

No

Estimated Student NA

Demand for Program

Scheduled Program **2022-2023** ~~NA~~

Review Date

Program Goals and

Objectives

**Program Goals and Objectives**

**The mission of the Department of Food Science is to serve as the primary source of higher education, fundamental and applied research, and public service associated with enhancing the wholesomeness, quality and availability of food, improving the health of Arkansas residents, and adding value to raw agricultural products with particular emphasis on products relevant to Arkansas. The Department of Food Science promotes programs for achieving regional, national and international recognition of excellence while contributing to the advancement of the quality of life and professional development for Arkansans.**

~~NA~~

Learning Outcomes

**Learning Outcomes**

### Learning Outcomes

1. **Technical Knowledge** • Demonstrate advanced knowledge and understanding in their area of emphasis.
  - Demonstrate some knowledge across food science and/or nutrition disciplines outside of their core specialty area, commensurate with coursework completed during the degree.
2. **Research and Scientific Inquiry Skills** • Demonstrate scientific inquiry skills through the research performed.
  - Demonstrate quantitative skills through the analysis of research data.
3. **Communication Skills** • Demonstrate competency in written communication through their thesis.
  - Demonstrate competency in oral communication through their required seminars and oral defense. ~~NA~~

Description and justification of the request

Description of specific change	Justification for this change
1) Adjusted admission standards for GRE scores and TOEFL scores 2) Added statement that students must enroll in FDSC 5001 Seminar twice.	1) These admissions standards are more in line with the current acceptance practices for the department. 2) This has always been the practice for this program. In order to be enforceable, the requirement must be stated in the official program requirements.

Upload attachments

Reviewer Comments

**Alice Griffin (agriffin) (12/12/19 12:38 pm):** Inserted scheduled program review date.

**Alice Griffin (agriffin) (12/12/19 12:41 pm):** Inserted program goals and student learning outcomes from the department's assessment plan. College is encouraged to review and update it as appropriate.

**Alice Griffin (agriffin) (12/12/19 12:42 pm):** Hyper-linked course in program requirements.

**Alice Griffin (agriffin) (03/09/20 10:46 am):** Changed effective date from fall 2020 to fall 2021. The request will not complete the approval process in time for the fall 2020 catalog.