



Faculty Executive Committee

Faculty of the College of Agricultural and Environmental Sciences
Academic Staff of the Division of Agriculture and Natural Resources
Office of the Dean and Director of Programs

May 10, 2023

SUE EBELER

CA&ES Dean's Office

Re: Proposed change to the Food Science major

Dear Sue,

The college Faculty Executive Committee (FEC) received approval from Undergraduate Council on the proposed change to the Food Science major. The FEC forwards the approval notice so that college implementation may proceed.

Sincerely,

Gang Sun
Chair, CA&ES FEC
Professor, Biological and Agricultural Engineering

/bn

- c: Ted Hullar, Chair, UMAC
- Greg Anderson, Academic Advisor, CA&ES Dean's Office
- Clarissa Mark, Academic Advisor, CA&ES Dean's Office
- Leslie Charlton, Director Undergraduate Academic Programs, CA&ES Dean's Office
- Christopher Simmons, Professor and Chair, Food Science and Technology
- Alyson Mitchell, Lead Faculty Advisor, Food Science and Technology
- Stephanie Myers, Undergraduate Advisor, BFTV Cluster

Brenda Nakamoto

From: Mary E Vasquez
Sent: Friday, May 5, 2023 9:24 AM
To: Gang Sun; Brenda Nakamoto
Cc: Academic Senate Chair; A. Katie Harris; Edwin M Arevalo
Subject: RE: Proposed change to the Food Science major

Categories: Red Category

Dear Chair Sun,

Thank you for these documents. On behalf of Chair Katie Harris, upon review of the proposal, the revisions to the Food Science major are approved.

Thank you.

Mary Vasquez

Associate Director
Academic Senate Office, Mrak Hall 402
University of California, Davis
530.752.4918

[http://academicsenate.ucdavis.edu/
mpvasquez@ucdavis.edu](http://academicsenate.ucdavis.edu/mpvasquez@ucdavis.edu)

From: Mary E Vasquez <mpvasquez@ucdavis.edu>
Sent: Friday, April 14, 2023 11:02 AM
To: Gang Sun <gysun@ucdavis.edu>; Brenda Nakamoto <bvnakamoto@ucdavis.edu>; A. Katie Harris <akharris@ucdavis.edu>
Cc: Academic Senate Chair <aschair@ucdavis.edu>; Ted Hullar <thullar@ucdavis.edu>; Greg Anderson <granderson@UCDAVIS.EDU>; Clarissa Mark <cmark@ucdavis.edu>; Susan Ebeler <seebeler@ucdavis.edu>; Christopher W Simmons <cwsimmons@ucdavis.edu>; Alyson Mitchell <aemitchell@ucdavis.edu>; Stephanie Myers <sxmyers@ucdavis.edu>
Subject: RE: Proposed change to the Food Science major

Hello Chair Sun,

I acknowledge receipt of the proposed revisions to the Food Science major on behalf of Chair Harris. I will review with her to determine next steps for the proposal.

Thank you.

Mary Vasquez

Associate Director
Academic Senate Office, Mrak Hall 402
University of California, Davis
530.752.4918

<http://academicsenate.ucdavis.edu/>

mpvasquez@ucdavis.edu

From: Brenda Nakamoto <bvnakamoto@ucdavis.edu>

Sent: Wednesday, April 5, 2023 9:39 AM

To: A. Katie Harris <akharris@ucdavis.edu>

Cc: Gang Sun <gysun@ucdavis.edu>; Mary E Vasquez <mpvasquez@ucdavis.edu>; Academic Senate Chair <aschair@ucdavis.edu>; Ted Hullar <thullar@ucdavis.edu>; Greg Anderson <granderson@UCDAVIS.EDU>; Clarissa Mark <cmark@ucdavis.edu>; Susan Ebeler <seebeler@ucdavis.edu>; Christopher W Simmons <cwsimmons@ucdavis.edu>; Alyson Mitchell <aemitchell@ucdavis.edu>; Stephanie Myers <sxmyers@ucdavis.edu>

Subject: Proposed change to the Food Science major

Dear Katie,

I am sending this attachment on behalf of CA&ES Faculty Executive Committee Chair Gang Sun. It is regarding a proposed change to the Food Science major.

Brenda

Brenda Nakamoto
Administrative Assistant
College of Agricultural and Environmental Sciences Dean's Office
University of California, Davis
(530) 752-1606



Faculty Executive Committee

Faculty of the College of Agricultural and Environmental Sciences
Academic Staff of the Division of Agriculture and Natural Resources
Office of the Dean and Director of Programs

April 5, 2023

KATIE HARRIS

Undergraduate Council

RE: Food Science major

Dear Katie,

The CA&ES Faculty Executive Committee (FEC) accepted the proposed change to the Food Science major at a meeting on March 20, 2023. This action was proposed by the Department of Food Science & Technology. The FEC forwards this proposal to the chair of Undergraduate Council (UGC) for determination if the changes are considered “substantial” and would need full UGC review.

Sincerely,

Gang Sun
Chair, CA&ES FEC
Professor, Biological and Agricultural Engineering

/bn

c: Ted Hullar, Chair, UMAC
Greg Anderson, Academic Advisor, CA&ES Dean's Office
Clarissa Mark, Academic Advisor, CA&ES Dean's Office
Leslie Charlton, Director Undergraduate Academic Programs, CA&ES Dean's Office
Sue Ebeler, Associate Dean, CA&ES Dean's Office
Christopher Simmons, Professor and Chair, Food Science and Technology
Alyson Mitchell, Lead Faculty Advisor, Food Science and Technology
Stephanie Myers, Undergraduate Advisor, BFTV Cluster



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DEPARTMENT OF LAND, AIR & WATER RESOURCES
ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8627

March 6, 2023

To: Gang Sun
Chair, CA&ES Faculty Executive Committee

Re: Proposal for changes to Food Science Major

The Undergraduate Majors and Courses standing committee has reviewed the requested changes to the Food Science Major and approves these changes.

Regards,

A handwritten signature in black ink that reads "Ted Hullar".

Ted Hullar
Chair, Undergraduate Majors and Courses Committee
College of Agricultural and Environmental Sciences

cc:
Greg Anderson
Clarissa Mark
Brenda Nakamoto
Stephanie Meyers
Christopher Simmons

attachments:
FST 2023 UMAC letter (PDF)
FST catalog-dept-program-food-science-major (2) (Word doc)

January 3, 2023

To: Undergraduate Majors and Courses Committee (UMAC)

Re: Correction to General Catalog

I'm writing to request that FST 3V be removed from the Food Science, B.S. Preparatory Subject Matter Category page in the General Catalog. The inclusion of FST 3V is not correct and the course is not required for the major.

Yours very truly,



Christopher W. Simmons
Chair and Professor
Department of Food Science and Technology

Brenda Nakamoto

From: Christopher W Simmons
Sent: Monday, March 13, 2023 8:43 AM
To: Gang Sun
Cc: Brenda Nakamoto; Ted Hullar; Greg Anderson; Stephanie Myers; Clarissa Mark
Subject: Re: UMAC approval of changes to FST major

Hi Gang,

We had 18 out of 21 Senate faculty participate in the vote on this matter, and all voted to approve the change to the general catalog to remove FST3V as a substitute for FST50.

Thanks,
Chris

--

Christopher Simmons, PhD
Professor and Chair, Department of Food Science and Technology
Director of Outreach, Western Center for Agricultural Health and Safety
Chancellor's Fellow
University of California, Davis
One Shields Ave, Davis, CA 95616
cwsimmons@ucdavis.edu
phone: 530-752-2109
fax: 530-752-4759

From: Christopher W Simmons <cwsimmons@ucdavis.edu>
Sent: Tuesday, March 7, 2023 11:44 AM
To: Gang Sun <gysun@ucdavis.edu>
Cc: Brenda Nakamoto <bvnakamoto@ucdavis.edu>; Ted Hullar <thullar@ucdavis.edu>; Greg Anderson <granderson@UCDAVIS.EDU>; Stephanie Myers <sxmyers@ucdavis.edu>; Clarissa Mark <cmark@ucdavis.edu>
Subject: Re: UMAC approval of changes to FST major

Thanks, Gang; I'll get the vote results to you by the end of the week.

Regards,
Chris

--

Christopher Simmons, PhD
Professor and Chair, Department of Food Science and Technology
Director of Outreach, Western Center for Agricultural Health and Safety
Chancellor's Fellow
University of California, Davis
One Shields Ave, Davis, CA 95616
cwsimmons@ucdavis.edu
phone: 530-752-2109
fax: 530-752-4759

From: Gang Sun <gysun@ucdavis.edu>
Sent: Monday, March 6, 2023 5:58 PM
To: Christopher W Simmons <cwsimmons@ucdavis.edu>
Cc: Brenda Nakamoto <bvnakamoto@ucdavis.edu>; Ted Hullar <thullar@ucdavis.edu>; Greg Anderson

2022-2023 General Catalog

Food Science: Bachelor of Science

(College of Agricultural & Environmental Sciences)

Department of Food Science & Technology

Christopher Simmons, Ph.D., Chairperson of the Department

Department Office. 1136 RMI North Building; 530-752-1482; <https://foodscience.ucdavis.edu>

Faculty. <https://foodscience.ucdavis.edu/faculty>

The Major Program

Food Science is a discipline in which biological, physical, and sensory sciences are integrated for the study of foods to ensure their safety, quality, and healthful properties. The food science curriculum encompasses food chemistry and biochemistry, food safety and microbiology, food processing and preservation, and sensory and consumer sciences.

The Program

Food Science is a multidisciplinary major that includes core competencies in food chemistry and analysis, food safety and microbiology, and food processing and engineering. After completing the preparatory course work, students focus on advanced subject courses in food chemistry and biochemistry, food processing, sensory evaluation, and food microbiology applied to improve the safety, stability, taste, nutrition, convenience, sustainability and value of foods.

Career Alternatives

Opportunities for employment include positions in the food and allied industries, government agencies, and educational and research institutions. Graduate study for the food science student may lead to the M.S. or Ph.D. degree in food science, or in related fields such as agricultural chemistry, biochemistry, microbiology, nutrition and health sciences.

Advising Center for the major is located in 1204 RMI South Building; 530-752-3250.

Master Faculty Advisor. A.E. Mitchell (Food Science & Technology)

Graduate Study. A program of study and research leading to the M.S. and Ph.D. degrees in Food Science is available. For further information on graduate study, contact the graduate advisor.

Preparatory Subject Matter		Units: 57
<i>Mathematics</i>		9
MAT 016A		3
MAT 016B		3
MAT 016C		3
Biological Science		5
BIS 002A		5
<i>Chemistry</i>		21
CHE 002A		5
CHE 002B		5
CHE 002C		5
CHE 008A		2
CHE 008B		4
or		
A more advanced series.		
<i>Physics</i>		12
PHY 007A		4
PHY 007B		4
PHY 007C		4
<i>Food Science & Technology</i>		3
FST 050		3
or FST 003V		3
<i>Statistics</i>		4
STA 013		4
or STA 013Y		4
<i>Nutrition</i>		3
NUT 010		3
or NUT 010V		3
or NUT 010Y		3
OR approved substitute		
Depth Subject Matter		Units: 48
<i>Biological Science</i>		6
BIS 102		3
BIS 103		3
<i>Microbiology</i>		3
MIC 102		3
<i>Food Science & Technology</i>		39

Commented [SM1]: FST 003V is not an approved substitute for FST 050.

FST 100A		4
FST 100C		4
FST 101A		3
FST 101B		2
FST 103		4
FST 104		3
FST 104L		4
FST 110		4
FST 110L		2
FST 117		4
FST 127		4
FST 190		1
Restricted Electives		Units: 18
See Major Advisor for approved course list		
Brewing Science Option		Units: 18
The Brewing Science option prepares Food Science students for careers in production or quality assurance within the brewing industry or other food fermentation industries. The option also prepares students for graduate study in food science or related programs, and exposes the students to diverse disciplines, including chemistry, biochemistry, microbiology, and processing.		
<i>Specific course requirements:</i>		11
FST 102A		4
FST 102B		4
FST 123		3
<i>Selected additional courses:</i>		7
FST 003		3
FST 109		3
FST 114		4
FST 123L		2
FST 159		3
FST 160		4
		Total: 123