TRANSMITTAL for UNDERGRADUATE PROGRAMS:
Changes or Proposals

I. INFORMATION:

1. Program Title: Food Science and Technology
2. Department(s): Animal and Food Science
3. College(s): Agriculture, Food and Environmental Sciences
4. Proposal prepared by: Justin Luther Date: March 1, 2016
5. Check all that apply
   - [ ] New program
   - [ ] Existing program
   - [X] Change in course name
   - [ ] Change in number of credits
   - [ ] Change in major
   - [ ] Change in minor
   - [ ] Change in course content
   - [ ] Change in emphasis/option
6. Other Programs/Departments Consulted (Review letters of comment from all Departments or Programs substantially affected section d):
   a.) CAFES depts
   b.) Chemistry
   c.) Biology
   d.) Accounting
7. Catalog year (and semester) of Implementation: Semester Fall Year 2016
8. Have all courses in this program been approved? Yes [X] No [ ]
   If “No” which courses have not been approved?
9. Attach Request Narrative
   Include in narrative on attached pages a rationale for the requested changes or creation of program.
   Include clarification concerning any courses that have not yet been approved. If requesting a program change also include a listing of course array for both the current and proposed program?
10. UNIT APPROVALS: Requires signatures of all Department Chairs and Deans whose programs will be substantially affected by the changes or proposal. Signature lines for the affected Departments and Colleges (noted in “6” above), are on the addendum to this form. These signatures should be obtained prior to review by all other shared governance levels.

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<td>Department Curriculum Committee Chair (optional)</td>
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Academic Policy & Program Cmmt. Chair

Faculty Senate Chair

Provost / Vice Chancellor

Chancellor

*NOTE: The master copy of this transmittal & accompanying documents must be filed in the Provost’s office upon final approval. The Provost’s office will notify all appropriate administrative offices [Registrar, Dean(s), Department Chair(s)] of approvals & necessary actions to implement changes.

Revised December 2012
## TRANSMITTAL for UNDERGRADUATE PROGRAMS: Changes or Proposals - Addendum

### Signatures of Additional Department & Colleges Affected

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Revised December 2012
March 1, 2016

To: Mialisa Moline, Chair
    Academic Policy and Program Committee

    Alexandru Tupan, Chair
    University Curriculum Committee

From: Justin Luther, Interim Chair
      Animal and Food Science Department

    David Trechter, Chair
    CAFES Curriculum Committee

Subject: Reinstatement of the Food Science and Technology Major for Fall 2016

The purpose of this memo is to request your committees to approve the reinstatement of the Food Science and Technology major with the requirements unchanged from its most recent offering. (Attachment 1)

As noted in the attached memo, UW – River Falls Faculty Senate and Chancellor Van Galen, through Faculty Senate Motion 2010-11/26, suspended the Food Science and Technology major on our campus. (Attachment 2)

On November 13, 2015 the Animal and Food Science Department, the academic home of the Food Science and Technology major prior to suspension, passed a resolution (8 yes/3 nays) to reinstate this major and retain the Animal and Food Science Department as its academic home.

We have included a narrative summarizing the rationale for reinstating this major. (Attachment 3)

The food processing industry has demonstrated their interest in food science programs on the River Falls Campus by the nearly $2 million in donations they have made to renovate the food science pilot plants. Departments affected by reinstating the Food Science Major (Chemistry, Biology and Marketing and Management have also written in support of this motion. (Attachment 4)

On February 2, 2016, the CAFES Curriculum Committee passed a resolution (attached) in support of reinstating the Food Science and Technology major and retaining the Department of Animal and Food Science as its academic home. (Attachment 5)

Subsequently, at a meeting of the CAFES Chairs, all of the chairs in the college endorsed both the Department of Animal and Food Science and the college Curriculum Committee motions to reinstate the Food Science and Technology major. (Attachment 6)

Dean Dale Gallenberg, is also supportive of reinstating the major.
Food Science and Technology (FDSC)
Department of Animal and Food Science
247 Agricultural Science
(715) 425-3704

General Education Requirements
As listed with the following exceptions:
Sciences Required Courses:
CHEM 121 or 120, BIOL 150, PHYS 151, or 161

Mathematics Required Courses:
MATH 147 or 166

Foundation Courses in Agriculture: 12 cr. hrs.
FDSC 110 Science of Food 3 cr.
ANSC 231 Principles of Nutrition 3 cr.
AGEN 352 Food Engineering 3 cr.
AGEC 230 Agriculture Economics I 3 cr.

Food Science and Technology Major: 43-47 Total Credits
Required Courses: 29 cr. hrs
FDSC 113 Intro Food Science Lab 1 cr.

Choose one of the following three courses:
FDSC 202 Dairy Manufacturing I-required for Dairy Tech Option
or
FDSC 238 Meat and Meat Products 3 cr.
or
FDSC 259 Cereal Technology
FDSC 285 Seminar in Food Science 1 cr.
FDSC 312 Food Processing 4 cr.
FDSC 313 Food Processing Lab 1 cr.
FDSC 320 Food Quality Assurance 2 cr.
FDSC 335 Food Microbiology 4 cr.
FDSC 360 Food Chemistry 3 cr.
FDSC 385 Seminar in Food Science 1 cr.
FDSC 422 Product Development and Sensory Evaluation 4 cr.
FDSC 461 Food Analysis 4 cr.
FDSC 485 Seminar in Food Science 1 cr.

Required Supporting Courses: 19 cr. hrs.
CHEM 122 General Chemistry II 5 cr.
CHEM 230 General Organic Chemistry 3 cr. or CHEM 231 Organic Chemistry I
AGBI 251 Agricultural Biochemistry 3 cr. or CHEM 361 Biochemistry
AGBI 252 Agricultural Biochemistry Laboratory Techniques 1 cr.
BIOL 324 Microbiology 4 cr.
ANSC 341 Biometrics 3 cr.
FDSC 270 Internship 2-4 cr.
Select Industry, Dairy Technology, or Science Option below:

Industry Option 14-16 cr. hrs
ACCT 231 Principles in Accounting I 3 cr.
Select two from:
FINC 345 Managerial Finance 3 cr. or AGEC 365 Agricultural Finance
MNGT 300 Principles of Management 3 cr. or AGEC 460 Agribusiness Firm Management
MKTG 310 Principles of Marketing 3 cr. or AGEC 355 Agricultural Markets and Prices

Electives (choose any Food Science courses) 5-7 cr. hrs.

Dairy Technology Option 14-18 cr. hrs.
FDSC 302 Dairy Manufacturing II 3 cr.
FDSC 469 Dairy Plant Management 2 cr.
FDSC 470 Dairy Plant Management Lab 1 cr.
AGEC 355 Agricultural Markets and Prices 3 cr.
AGEC 460 Agribusiness Firm Management 3 cr.

Electives (choose any Food Science courses) 2-4 cr. hr.

Science Option - IFT Approved Curriculum 14-16 cr. hrs.
CHEM 232 Organic Chemistry II 3 cr.
CHEM 236 Organic Chemistry Lab I 1 cr.
CHEM 237 Organic Chemistry Lab II 1 cr.
MATH 167 Calculus II 4 cr.

Electives (choose any Food Science Courses) 5-7 cr. hrs.

Food Science Minor: 22 Total Credits
Required Courses: 11-13 cr. hrs.
FDSC 110 Science of Food 3 cr.
FDSC 113 Intro Food Science Lab 1cr.

Choose one of the following three courses:
FDSC 202 Dairy Manufacturing I or
FDSC 238 Meat and Meat Products or
FDSC 259 Cereal Technology 3 cr.

Choose one of the following:
FDSC 240 Meat Product Processing 3 cr
FDSC 302 Dairy Manufacturing II 3 cr.
FDSC 312 and 313 Food Processing and Lab 5 cr.
To: Dean Van Galen, Chancellor  
116 North Hall  
University of Wisconsin-River Falls

From: James Madsen, Chair  
Faculty Senate  
University of Wisconsin-River Falls

February 2, 2011

RE: UWRF Faculty Senate Motion 2010-2011/26

At the February 2, 2011 meeting of University of Wisconsin-River Falls Faculty Senate, motion 2010-2011/26 was passed and it is effective immediately. This motion is forwarded to you for your action.

Motion from the Academic Programs & Policy Committee (Jim Zimmerman, Chair) to approve the suspension of the Food Science and Technology major in CAFES.

Approved

Disapproved

Dean Van Galen, Chancellor  
Date: 2/7/11
TRANSMITTAL for UNDERGRADUATE PROGRAMS: Changes or Proposals

INFORMATION

1. Program title: Food Science And Technology  
2. Department(s): Animal & Food Science  
3. College(s): CAFES  
4. Proposal prepared by: Gary Onan Date: 9/21/2010

5. Check all that apply:  
   □ New program  □ Change in course name  
   □ Change in course content  □ Existing program  
   □ Change in number of credits  □ Change in Minor  
   □ Change in Emphasis/Option

6. Other Programs/Departments Consulted (Requires letters of support from all Departments or Programs substantially affected):
   1. See Narrative  
   2.  
   3.  
   4.  

7. Date of Implementation: Fall Semester 2013 Year

8. Have all courses in this program been approved? Yes □ No □  
   If “No,” which ones?

9. Attach Request Narrative. (Include description of program before and after proposed changes).

UNIT APPROVALS: Requires signatures of all Departments Chairs and Deans whose programs will be affected by the changes or proposal. Signature lines for the affected Departments and Colleges (Noted in 6 above), are on the back of this form. These signatures should be obtained prior to review by all other shared governance levels.

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Rev. 11/08
Food Science

Program Suspension

Department of Animal and Food Science
College of Agriculture, Food and Environmental Sciences
University of Wisconsin – River Falls

The Department of Animal and Food Science (AFS) has requested that the College of Agriculture, Food and Environmental Sciences (CAFES) suspend the Food Science and Technology (FDSC) Major. The decision to suspend the major was approved at the departmental-level during the Spring 2008 semester. CAFES supports this decision and recommends to the University AP&P Committee suspending the FDSC major.

University of Wisconsin System has provided guidelines to follow in seeking approval to suspend an academic program. The guidelines include (from Process & Criteria):

1. The written request should briefly address the following factors:
   - The rationale for the program suspension;
   - The potential impact of suspension on students (e.g., where will students interested in the major go? Are there other campuses offering similar programs, etc.);
   - The potential impact on faculty;
   - Consultation with governance, as appropriately determined by campus by-laws;
   - The transition period (e.g., what steps will be taken to lessen the impact on students and faculty during the transition? Allotted time for those finishing the major)

In accordance with and following the above guidelines, the following information is provided:

- The rationale for the program suspension

Suspension of the Food Science major is driven by two primary factors; diminishing staffing levels within FDSC and enrollment challenges. The AFS report (October 2008) to the CAFES Chairs Council reported faculty staffing levels at 1.67 teaching FTE, and 2.07 with the inclusion of academic instruction by pilot plant managers. Enrollment of students with majors in FDSC has ranged from 20-40 over the past five years. Enrollment issues are magnified in that little overlap exists between non-Food Science academic programs and the Food Science core curriculum (outside the 100-level courses). As a result, course enrollment in upper division Food Science courses is heavily dependent on majors and minors. Review of SCH data from 2006-07 point to this trend, as students enrolled in FDSC 110 account for 734 SCH while the remainder of all other FDSC courses offered in 2006-07 contributes a total of 286 SCH. It is unclear that student enrollment would increase appreciably, even with the infusion of additional resources.

The college has spent many years in determining the future of the FDSC major. In January 2005 the Food Science program was informally separated from the AFS Department and began meeting as a unit under direction of the CAFES Dean’s office. The purpose was to give specific consideration to and self-direction by Food Science faculty for the viability of the program into the future, addressing the ongoing challenges of limited resources, low enrollments, and personnel issues. The challenges persist 5 years later. Program administration was moved back to AFS at the start of the 2007-2008 academic year.

The CAFES Chairs Council reviewed the status of all academic programs in the fall of 2008. At this time, the recommendation by AFS to contract the program was put forth. The CAFES Chairs Council reviewed these recommendations. Several Council members expressed concern about the decision to contract Food Science and, as a result, a CAFES committee was established to review this decision. The FDSC-1 ns
final committee report, submitted by Dr. David Trechter (the appointed chair of the committee), also supported contraction of the program. The college has exhausted numerous alternatives (see ‘consultation...’ below) in addressing the limited resources, low enrollments, and personnel issues over an extended time.

Finally, it must be re-emphasized that the decision to suspend the program is primarily due to resource issues and low enrollment within the major. While external demand for graduates of the program is strong, the strong job market has not stimulated sufficient internal demand. The enrollment situation within the program is not dissimilar from other campuses with a Food Science major that focus on food technology and processing. Institutions with large undergraduate enrollments in food science typically focus heavily on nutrition and dietetics rather than food processing and technology. River Falls is atypical from peer programs in that graduate programs are not available to help offset staffing issues related to undergraduate enrollment. The heart of the issue to suspend the Food Science major is a question of ‘fit’ for the UW-River Falls campus.

- The potential impact of suspension on students (e.g., where will students interested in the major go? Are there other campuses offering similar programs, etc.);

Campuses within the University of Wisconsin system that offer similar programs in Food Science include UW-Madison (BS in Food Science) and UW-Stout (BS in Food Systems and Technology). Likewise, the University of Minnesota – Twin Cities campus offers an undergraduate degree in Food Science. Graduate programs in Food Science are also offered at all three campuses. River Falls is atypical from peer programs in that graduate programs are not available to help offset staffing issues related to undergraduate enrollment.

Although suspension of the Food Science and Technology major is recommended, the college is clearly committed to education within this arena. Production of food products, from a systems perspective, must include both production of the wholesale and retail product. The education of current and future consumers of food products is also viewed as a Departmental priority. The FDSC 110 course is a valuable service course to all UWRF students, particularly within CAFES, as students from across all majors potentially benefit from a better understanding of the food system. Employment opportunities for students with a strong background in food science have been consistently strong with a need for graduates within the dairy, meat, and grain processing industries. Likewise, the program has a strong track record of working with industry partners via outreach training and workshops.

With these facts in mind, the Department wishes to preserve the capacity to provide education within food science. Such capacity would be preserved by the following:

1. Maintain (refine) the Food Science minor
2. Continued delivery of FDSC 110 (UWRF general education component) and FDSC 113 (service course for additional CAFES majors, specifically Agricultural Education)
3. Infusion of food science content into existing Animal Science and Dairy Science majors, potentially through the development of options within the existing majors.

These desires are consistent with preserving food science capacity yet acknowledging resource limitations within the institution.

- The potential impact on Faculty

The GPR budget of AFS provides funding for 1.67 FTE within a teaching role in the Food Science program. The 1.67 FTE are split between two faculty lines, one with a 100% teaching appointment and FDSC-1
the other with a 67% teaching and 33% extension appointment. Moreover, the 100% teaching position is not completely dedicated to Food Science courses as the position involves instruction in Agricultural Biochemistry (AGBI 251 and AGBI 252) and some Animal Science courses. Instruction within these courses, the desired maintenance of the Food Science minor, and support of FDSC 110 and other courses that are needed service courses will be sufficient to maintain existing faculty and staff positions.

- Consultation with governance, as appropriately determined by campus by-laws;

The AFS Department has put forward this proposal to suspend the FDSC major and change the minor. The College of Agriculture, Food and Environmental Science has also conducted an internal program evaluation, which included the FDSC program. The college evaluation used slightly different terminology, but was essentially the same in its conclusion/recommendation. It concluded to ‘contract’ the FDSC program; to include discontinuing the FDSC major, review the minor for changes, continue service courses (i.e., FDSC 110 in General Education), and infuse food science content into ANSC and DASC majors. Third, while the college was conducting its program evaluation, the university program evaluation was initiated. The FDSC Program was placed into the category of programs marked to be ‘Eliminated, reduced, or reorganized. Therefore, three separate evaluations have reached the same conclusion and recommendation.

The UW-River Falls Faculty and Academic Staff Handbook, Article III, Section A, under 3. Duties (for the Academic Program and Policy Committee) states: f. “to examine and recommend to the Faculty Senate proposals for substantial changes in ... undergraduate majors and sub-majors.” Therefore, this proposal is being directed to the Academic Program and Policy Committee for consideration.

- The transition period (e.g., what steps will be taken to lessen the impact on students and faculty during the transition? Allotted time for those finishing the major)

Because of resource limitations the FDSC program has already implemented a course scheduling plan to enable students to maximize course offerings when courses can’t be offered on a regular basis. Students with a Food Science major will be advised to complete core FDSC requirements by the end of the 2012-2013 academic year. In consideration of this, registration of new students into the Food Science and Technology major will cease following the 2010 – 2011 academic year. Internal transfers (UWRF students with a major other than Food Science) into the major will cease following the 2011 – 2012 academic year.

Moreover, the content of existing FDSC courses will be evaluated during the 2010-2011 academic year, such that courses may be modified to provide maximum benefit to students who wish to complete a Food Science minor. Needed modifications to the Food Science minor will be presented for approval during the 2011-2012 academic year.
March 24, 2016

TO: David Trechter, CAFES Curriculum Committee Chair
FROM: Justin Luther, Interim Department Chair
RE: Reinstatement of the Food Science and Technology Major

On November 13, 2015 the Department of Animal & Food Science voted in favor of the following motion:

_The Animal and Food Science Department supports the reinstatement of the Food Science and Technology major and proposes that administration of the program remain within the Animal and Food Science Department._

The Department’s decision to support reinstatement of the Food Science and Technology major was based on the following reasons:

1. Reinstatement will provide the students we serve with a wider range of educational options that best fit their desires.
2. A strong job market and high salaries are offered within the food science industry.
3. A strong academic link between pre-harvest production practices and post-harvest consumer products is created and reinforced through reinstatement of the major. Therefore, reinstatement embraces development of a ‘well-rounded’ student.
4. Additional course offerings required to reinstate the major are relatively small. The vast majority of the required FDSC courses needed, are already being offered, as they are necessary for the Food Processing Technology minor. A number of the courses are also service courses for ANSC and DASC.
5. It is important for the Department to maintain oversight of FDSC resources, which include:
   a. Pilot plants—the meat plant in particular, is heavily used by courses in ANSC as well as for research projects. Interest among ANSC and DASC majors in dairy manufacturing appears to be increasing.
   b. Courses and course scheduling
      i. A number of FDSC courses are part of either emphasis or required supporting courses for ANSC. It is important that the Department retain control of those courses, which include:
         1) ANSC/FDSC 238, Meat and Meat Products
         2) FDSC 240, Meat Processing
3) FDSC 235, Agricultural Microbiology
4) FDSC 110, The Science of Food (taken by the vast majority of ANSC and DASC majors as part of their Professional Studies in Agriculture)
5) FDSC 202 & 302, Dairy Manufacturing

6. Potential for increasing CAFES enrollment exists:
   a. Any initiative that increases CAFES enrollment by even small margins has important budgetary implications.
   b. Missing the CAFES enrollment targets will result in a loss of $16,500 from the college budget next year.
      i. Meeting the CAFES target will result in an increase of $33,000 next year.
      ii. Exceeding the CAFES target by 5% will result in an increase of $49,500.

7. Potential for increasing campus-wide enrollment exists:
   a. Again, even small increases in enrollments may account for the critical difference for UWRF to meet its tuition targets as dictated by UW System.
      i. If, as expected, a FDSC major attracts some international students, that helps substantially in meeting tuition targets. Each international student generates approximately twice the tuition dollars as a resident student.
   b. Failure of UWRF to meet its tuition targets has severe budgetary consequences on the order of magnitude of $100,000+ loss of GPR funding. Such losses will restrict resources further—even to high performing programs, such as ANSC and DASC.
March 14, 2016

TO: Justin S. Luther, Interim Chair, Department of Animal & Food Science

FROM: Karl P. Peterson Chair, Department of Chemistry and Biotechnology

RE: Reinstatement of the Food Science & Technology Major

The Department of Chemistry and Biotechnology supports reinstatement of the Food Science & Technology major as it existed prior to suspension on November 26, 2010.

As a note, the chemistry courses will need to be updated as there have been changes to our course array since the Food Science and Technology major was suspended. Your message to me indicated the following courses:

Chemistry - CHEM 122, 230, 231, 232, 236, 237, 355, 361

I assume that CHEM 121/120 is a CAFES requirement that is not included on the list. Our current course array would allow for two sequences:

CHEM 115 → CHEM 230 → AGBI 251/252
CHEM 215 is a separate lab course associated with this sequence taken after CHEM 115.

CHEM 121/120 → CHEM 122 → CHEM 231/236 → CHEM 232/237 → CHEM 360 or 361
CHEM 355 is a separate lab take after CHEM 232/237

I am happy to work with your department on updating the chemistry options for the program.

Sincerely,

Karl P. Peterson
Karl P. Peterson, Ph.D.
Professor and Chair
Department of Chemistry and Biotechnology
715-425-3523
karl.peterson@uwrf.edu
March 11, 2016

TO: Justin S. Luther, Interim Chair, Department of Animal & Food Science

FROM: Mark Bergland, Chair, Department of Biology

RE: Reinstatement of the Food Science & Technology Major

The Department of Biology supports reinstatement of the Food Science & Technology major as it existed prior to suspension on November 26, 2010. We will offer BIOL 324 and BIOL 150 in support of this major.

Regards,

[Signature]

Dr. Mark Bergland
Chair, Department of Biology
mark.s.bergland@uwrf.edu
715-425-4043 (office) or 715-529-8845 (cell)

University of Wisconsin-River Falls
410 S. Third Street • River Falls, WI 54022 • USA
March 2\textsuperscript{nd} 2016

Mr. Dean Gallenberg,
Dean of CAFES
College of Agriculture, Food & Environmental Science
210 Agriculture Science Hall
University of Wisconsin, River Falls
410 S. 3\textsuperscript{rd} St.
River Falls, WI 54022

Dear Mr. Gallenberg,

I wanted to connect with you regarding the re-establishment of the Food Science degree at UWRF. As a leading CEO in the dairy and nutrition industry, I can attest to the growing need for an academic program at UWRF supporting the growing need for food professionals.

A few key items to point out:

- Food Safety Modernization Act – FSMA - Implementation of the government mandated FSMA Act is in full swing. As a large company; we are required to be prepared this year, September 2016. Small companies will phase in over the next three years. We have increased our need/demand for Food Science and Food Safety professionals. Many others like us are in great need and this will only increase in the future.

- Natural/Organic Foods Demand - Costco became the largest marketer of organic foods this year with over $4 billion in revenue, over taking Whole Foods. The significant shift in demand of natural and organic foods is increasing the need for Food Science professionals in emerging organic and or natural food companies.

- Qualified Candidates - As we have built Milk Specialties Global from a new entrant in the dairy ingredient industry, to a leader, it has been a struggle to develop qualified candidates. There continues to be a high demand for more candidates to meet the ever increasing interest and demand.

Given the location of UWRF to a terrific metro area, its history and the new energy that is being infused into the program, I think it would be an ideal time to re-establish the program. I would however, suggest that the advisory board be utilized from an advisory standpoint on the curriculum to make sure there is alignment on the contemporary needs of the food marketplace.

Sincerely,

David Lenzmeier
Milk Specialties Global

Milk Specialties Global • 7500 Flying Cloud Dr Suite 500 • Eden Prairie, MN 55344 U.S.A.
Phone: 952.942.7310 • Fax: 952.942.7611 • MilkSpecialtiesGlobal.com
Subject: Re: Reinstatement of the Food Science and Technology Major

Date: Saturday, March 12, 2016 6:38:33 PM Central Standard Time

From: Darryl Miller
To: Justin Luther

TO: Justin S. Luther, Interim Chair, Department of Animal & Food Science

FROM: Darryl Miller, Chair, Department of Management & Marketing

RE: Reinstatement of the Food Science & Technology Major

The Department of Department of Management & Marketing supports reinstatement of the Food Science & Technology major as it existed prior to suspension on November 26, 2010.

We would like to have this package completed by next week Monday (March 7th). Would you be able to have this letter completed and sent to me be this date?

Kind Regards,

Darryl W. Miller, Ph.D.
Professor of Marketing
Chair, Dept. of Management & Marketing
University of Wisconsin River Falls
Attachment 5

Motion from the College of Agriculture, Food and Environmental Sciences regarding reinstating the Food Science and Technology Major. This motion was considered and approved on February 2, 2016.

(M/S – Gale/Taylor) to strike everything after the first sentence in the original motion. Passed (5 yeas/0 nays). The revised motion is:

The CAFES Curriculum Committee supports the reinstatement of the Food Science and Technology major and proposes that administration of the program remain within the Animal and Food Science Department.

The motion passed (4 yeas/0 nays/1 abstention).
On Feb 2, the CAFES Curriculum Cmte passed the following motion in support of a motion from the Animal and Food Science Department to reinstate the Food Science and Technology Major:

The Animal and Food Science Department supports the reinstatement of the Food Science and Technology major and proposes that administration of the program remain within the Animal and Food Science Department.

My department supports reinstating the Food Science and Technology Major and retaining the Department of Animal and Food Science as its academic home.

David Trechter, Agricultural Economics

James Graham, Agricultural Education

Joseph Shakal, Agricultural Engineering

Gary Onan, Animal Science

Don Taylor, Plant and Earth Science
APRIL 4, 2016

University of Wisconsin River Falls
College of Agriculture, Food and Environmental Sciences
River Falls, WI 54022

To Whom It May Concern,

On behalf of Grassland Dairy Products, Inc., we are writing in support of the Food Science major at UW-River Falls. We feel this program is beneficial not only to the college for recruitment and interested students, but also to the overall agriculture industry.

As a leading dairy products manufacturer, we view the food science major as vital to our industry. Students who graduate with this education are vital to food manufacturing. At Grassland, we regularly recruit for such graduates with their knowledge of biology, chemistry and knowledge of food. Many of the quality and safety regulations needed today are complex; students with food science background are poised to handle those tasks.

In addition, with the Dairy Pilot Plant Renovation project, which Grassland has supported, we believe that more prospective students will be interested in a food science program. There are many career opportunities for food science majors, especially in Wisconsin, and we feel the unveiling of the dairy pilot plant will help to showcase those prospects to students.

In conclusion, I fully support the efforts of the College of Agriculture at UW-River Falls to consider and implement a food science program for its students.

Sincerely,

[Signature]

Tayt Wuethrich

VICE PRESIDENT AND CHAIRMAN OF THE BOARD
GRASSLAND DAIRY PRODUCTS, INC.
Food and Animal Science
Department Meeting
November 13, 2015

Present:
Nathan O’Connor, Casie Bass, Kurt Vogel, Larry Baumann, Dennis Cooper, Steve Kelm, Peter Rayne, Bonnie Walters, Michelle Farner, Justin Luther, Sylvia Kehoe, Gary Onan, Debbie Cote

Proposal to reinstate the Food Science and Technology major

Proposed motion was sent through email by Gary Onan. Gary captured some concerns in the motion presented.

Ensuring the success of the major. Numbered 1. 2. 3 in the proposed motion outline those issues for success.

- Dean Gallenberg and Gary discussed these items. Dean Gallenberg has indicated that positions asked for will be likely for fall of 2017.
- Office support full-time position will be asked and may consider a half-time position for ANSC with the other half-time position serving in the internship office in the next budget cycle- (2017).
- Increase in recruitment funding will be asked.

Additional positions asked: Dale will make an out-of-cycle budget request for Dr. Clark’s position (retirement) to search and hire for fall of 2016.

Larry Baumann moved to approve as written and 2nd by Justin Luther.

Summary of Discussion

Before the vote, Dennis Cooper wanted to speak for the case for a “no” vote:

1. This is a big decision to this department will affect department
2. Vote your priority. There is growth potential in the animal science area and some don’t know that it can grow. Food Science was/is a low enrolled program and so why reinstate it. Animal science can give us the growth at lower price. Administration has not been asked for more to facilitate growth. Asked: What is low enrollment? Answered: 70. Just getting a livestock judge can get more students. If you see the growth in ANSC then vote “no.”
3. Can’t have it both ways. Either/or; not both. All colleges vying for positions and “whose turn is it” attitude comes into play when decisions are made. We will have 50-50 split for resources.

Bonnie Walters:
Don’t think of it as one against the other. Why wouldn’t we want to take the product from start to finish? This gives many more options to the students. Food science degree will give the student those jobs.

Steve Kelm:
Issues need to address in the department before taking on a food science degree. But whatever the decision, we need to be able to agree to disagree and be professional about it. Vote what you feel is best for the department.
Question called. Voting paper was distributed. Asked to write either yes or no. Yes, means you support the motion as written. The department chair nor ADA do not vote (and did not vote) 2 absentee ballots were asked for and have not been included in today's count.
11 present and voted.

*Count*: Yes: 8 votes  No: 3 votes

“Yes” have it.
Gary will take to the decision to reinstate the Food Science and Technology major to Dean Gallenberg.
Clarification is needed on next steps.

**Other business:**
Advising—get your students in Organic Chemistry before the end of their sophomore year to keep them on track.
Think about how many sections we should offer for our courses. Biggest freshman class and in few years--it will be an issue.