

APPROVED BY SENATE
10/19/2015



Proposal to the Senate Educational Policy Committee

PROPOSAL TITLE: Revisions to the Undergraduate Minor in Food and Environmental Systems in the College of Agricultural, Consumer and Environmental Sciences.

SPONSOR: Mary Lowry, Assistant Dean, ACES Academic Programs, 333-9391, lowry@illinois.edu

COLLEGE CONTACT: Laurie Kramer, Associate Dean, ACES Academic Programs, 333-3380, lfkramer@illinois.edu

BRIEF DESCRIPTION: The College of ACES is requesting revisions to the minor in Food and Environmental Systems at this time due to changes in course offerings. The primary change is due to the creation of a new course, ACES 102, Introduction to Sustainable Food Systems, which is designed to introduce students to the biological, environmental, social and economic issues that play a role in food systems. ACES 102 is proposed to replace the required core course, ACES 101. This change will also cause the required hours in the minor to increase by 1 hour and one of the elective category hours to decrease by 1 hour, causing no overall change in minimum required number of hours for the minor, 18. Updates to the list of elective coursework from which students may choose are also proposed, with some additional courses now being included in the list, and others removed, in accordance with the requests of individual departments.

JUSTIFICATION: Departments in the College of ACES have requested that the college sponsor a single new foundational course that would introduce students (both majors and non-majors) to the issues that underlie the study of sustainable food and environmental systems—a topic that relates to virtually all of the programs of study offered in the College. The Departments identified a need to help students understand how various components of food and environmental systems relate and interact with one another. They also identified a need to help freshmen and sophomore level students develop competencies in critical and systems thinking. Thus, ACES 102 was developed by a multi-disciplinary team of ACES faculty members to provide that content. Although faculty members from all ACES departments collaborated on the design of this course, the College of ACES has appointed a single faculty member to coordinate and lead the instruction of this course. Now that the course has been taught successfully several times on an experimental basis, the College proposes to include it as the cornerstone (required) course of the Minor in Food and Environmental Systems. (It will also be open as an elective for ACES majors as well as any other students on campus interested in this topic.) The proposal also includes requests to update the list of elective coursework in the minor to reflect current course offerings.

Justification is provided below for each of the additional revisions to the course listing for the minor. The numbers below correspond the **Rev. #** column in Appendix A: Curriculum for the Minor in Food and Environmental Systems.

1. Remove ACES 101 as a required course for 2 hours and replace it with ACES 102 for 3 hours. See above for details.
2. Reduce the minimum hours required for the Introductory Level (first course choice list) course from 4 to 3. Because the replacement of ACES 101 with ACES 102 as a required course will add one more

required hour in the minor, we propose to reduce the Introductory Level requirement by one hour. Thusly we accomplish two goals. First, we do not change the number of hours required for the minor. Second, we are purposely allowing a single three-hour course to meet the Introductory Level requirement.

3. Move ANSC 223 and ANSC 224 from the second choice list (advanced level courses) to the first choice list (introductory level courses).
4. Add ANSC 250, Companion Animals in Society, to the list of choices because this area is not currently represented.
5. Add NRES 219, Principles of Ecosystem Management, to the list of choices because it makes available basic scientific knowledge for those interested in the Environment as a focus area.
6. Add NRES 287, Environment and Society, to the list of choices because the perspective of this course will be beneficial to social scientists with Environment as a focus area.
7. Add PLPA 204, Intro to Plant Pathology, to the list of choices because the area of plant health is not currently included.
8. Add ACE 432, Farm Management, to the list of choices because the course was a choice as a 300-level course, but was lost when it was renumbered to a 400-level course.
9. Remove FSHN 329, 340, and 420, from the listing of choices. Removal of these upper level Food Science and Human Nutrition courses is at the request of the department. The unit has capacity concerns, and so the courses are restricted to FSHN majors.
10. Add NRES 325, Natural Resource Policy Management, to the list of choices because as an advanced level course to complement the addition of NRES 287.
11. Add a restriction to NRES 330 and 430 so that Agricultural Communications students, who are required to complete the FES minor, do not double count these courses towards the requirements they need to fulfill for their major. This restriction was requested by the Agricultural Communications Curriculum Committee; a letter from the Director of the program is attached.
12. Add NRES/LA 370, Environmental Sustainability, to the list of choices because it complements the addition of NRES 219 as an advanced course with a focus on Environment.
13. Add PLPA 407, Diseases of Field Crops, to the list of choices because it offers advanced study in the area of plant protection and is complementary to the addition of PLPA 204 in the introductory course listing.
14. Add TSM 311, Humanity in the Food Web, to the list of choices because its content is highly related to the focus of the minor.
15. Add FSHN 260, Raw Materials for Processing, and FSHN 232, Science of Food Preparation, to the Introductory Level course list, as these are foundational to the study of how food and food ingredients must be handled and processed in order to produce safe and healthy foods for consumption.
16. Add FSHN 302, Sensory Evaluation of Foods, to the list of choices to expand the options for students interested in how consumers experience foods.
17. Add FSHN 220, Principles of Nutrition, as an option to students taking FSHN 120. FSHN 220 is a more advanced version of FSHN 120, and is required as a prerequisite for students in the minor wanting to focus on food and nutrition and take any of FSHN 322, 332 or 428, as advanced courses for the minor.

BUDGETARY AND STAFF IMPLICATIONS: *(Please respond to each of the following questions.)*

1) Resources

- a. How does the unit intend to financially support this proposal?
 - The College of ACES has already supported a faculty member to create and teach the new course ACES 102. The course has been offered for four years as a temporary course. The college will sustain this support. All other courses being added to the course listing for the minor are existing courses.
- b. How will the unit create capacity or surplus to appropriately resource this program? If applicable, what functions or programs will the unit no longer support to create capacity?

- As indicated above, College of ACES resources have already been committed to support the curricular revisions described in this proposal.
- c. Will the unit need to seek campus or other external resources? If so, please provide a summary of the sources and an indication of the approved support.
 - Not needed.
- d. Please provide a letter of acknowledgment from the college that outlines the financial arrangements for the proposed program.
 - As administrator of the minor, the College of ACES is committed to ensuring that funds are available to support the continued provision of the Minor in Food and Environmental Systems, including the proposed changes to the minor as outlined in this document.

2) Resource Implications

- a. Please address the impact on faculty resources including the changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.
 - Aside from ACES 102, all other courses being added to the course listing for the minor are existing courses.
- b. Please address the impact on course enrollment in other units and provide an explanation of discussions with representatives of those units. (*A letter of acknowledgement from units impacted should be included.*)
 - The breadth of the College of ACES is represented in the choices of courses in this minor, making it unlikely that any one course or unit will be taxed as a result of including a course as a choice. The only courses with that concern are offered in Food Science and Human Nutrition, and for that reason, FSHN 329, 340, and 420 are being removed from the available listing in this revision (item number 9 above). It is noted however, that the department has agreed to adding FSHN 220, 232, 260 and 302 and retaining FSHN 332, 425 and 428. Letters from each of the departments supporting inclusion of their courses are attached.
- c. Please address the impact on the University Library (*A letter of estimated impact from the University Librarian must be included for all new program proposals. If the impact is above and beyond normal library business practices, describe provisions for how this will be resourced.*)
 - No new library resources are needed to support the minor other than what is already available for the existing courses.
- d. Please address the impact on technology and space (e.g. computer use, laboratory use, equipment, etc.)
 - No technology or space requirements are needed for students in the minor.

DESIRED EFFECTIVE DATE: Upon approval.

STATEMENT FOR PROGRAMS OF STUDY CATALOG: See Appendix A.

**Appendix A:
Curriculum for the Minor in Food and Environmental Systems**

Current requirements:			Rev. #	Proposed requirements:		
ACES 101	Contemporary Issues in ACES	2	1	ACES <u>102</u>	<u>Sustainable Food Systems</u>	3
FSHN 101	Intro Food Science & Nutrition	3		FSHN 101	Intro Food Science & Nutrition	3
NRES 100	Fundamentals of Env Sci	3		NRES 100	Fundamentals of Env Sci	3
Select a minimum of four hours from the following:		4	2		Select a minimum of <u>three</u> hours from the following <u>introductory level courses</u> :	3
ANSC 100	Intro to Animal Sciences			ANSC 100	Intro to Animal Sciences	
ANSC 101	Contemporary Animal Issues			ANSC 101	Contemporary Animal Issues	
ANSC 109	Meat Pricing and Preparation			ANSC 109	Meat Pricing and Preparation	
ANSC 110	Life With Animals and Biotech			ANSC 110	Life With Animals and Biotech	
			3	<u>ANSC 223</u>	<u>Animal Nutrition</u>	
			3	<u>ANSC 224</u>	<u>Animal Reproduction and Growth</u>	
			4	<u>ANSC 250</u>	<u>Companion Animals in Society</u>	
ACE 100	Agr Cons and Resource Econ			ACE 100	Agr Cons and Resource Econ	
ACE 210	Environmental Economics			ACE 210	Environmental Economics	
ACE 222	Agricultural Marketing			ACE 222	Agricultural Marketing	
ACE 231	Food and Agribusiness Mgt			ACE 231	Food and Agribusiness Mgt	
ACE 232	Management of Farm Enterprises			ACE 232	Management of Farm Enterprises	
ACE 251	The World Food Economy			ACE 251	The World Food Economy	
CPSC 112	Introduction to Crop Sciences			CPSC 112	Introduction to Crop Sciences	
CPSC 116	The Global Food Production Web			CPSC 116	The Global Food Production Web	
CPSC 226	Introduction to Weed			CPSC 226	Introduction to Weed	

	Science				Science	
FSHN 120	Contemporary Nutrition		17	FSHN 120 or FSHN 220	Contemporary Nutrition or Principles of Nutrition	
			15	FSHN 232	Science of Food Preparation	
			15	FSHN 260	Raw Materials for Processing	
HORT 105	Vegetable Gardening			HORT 105	Vegetable Gardening	
HORT 106	Home Horticulture			HORT 106	Home Horticulture	
NRES 109	Global Environmental Issues			NRES 109	Global Environmental Issues	
NRES 201	Introductory Soils			NRES 201	Introductory Soils	
			5	<u>NRES 219</u>	<u>Principles of Ecosystem Management</u>	
			6	<u>NRES 287</u>	<u>Environment and Society</u>	
			7	<u>PLPA 204</u>	<u>Intro to Plant Pathology</u>	
TSM 100	Technical Systems in Agr			TSM 100	Technical Systems in Agr	
Select a minimum of six hours from the following:		6		Select a minimum of six hours from the following <u>advanced level</u> courses:		6
ACE 306	Food Law			ACE 306	Food Law	
ACE 310	Natural Resource Economics			ACE 310	Natural Resource Economics	
ACE 346	Tax Policy and Finan Planning			ACE 346	Tax Policy and Finan Planning	
ACE 403	Agricultural Law			ACE 403	Agricultural Law	
ACE 406	Environmental Law			ACE 406	Environmental Law	
ACE 411	Environment and Development			ACE 411	Environment and Development	
ACE 430	Food Marketing			ACE 430	Food Marketing	
ACE 431	Agri-food Strategic Management			ACE 431	Agri-food Strategic Management	
			8	<u>ACE 432</u>	<u>Farm Management</u>	
ACE 435	Global Agribusiness Management			ACE 435	Global Agribusiness Management	
ACE 436	Intl Business Immersion			ACE 436	Intl Business Immersion	
ACE 451	Agriculture in Intl Dev			ACE 451	Agriculture in Intl Dev	
ACE 456	Agr and Food Policies			ACE 456	Agr and Food Policies	
ANSC 305	Human Animal Interactions			ANSC 305	Human Animal Interactions	
ANSC 306	Equine Science			ANSC 306	Equine Science	

ANSC 223	Animal Nutrition		3			
ANSC 224	Animal Reproduction and Growth		3			
ANSC 322	Livestock Feeds and Feeding			ANSC 322	Livestock Feeds and Feeding	
ANSC 363	Behavior of Domestic Animals			ANSC 363	Behavior of Domestic Animals	
ANSC 400	Dairy Herd Management			ANSC 400	Dairy Herd Management	
ANSC 401	Beef Production			ANSC 401	Beef Production	
ANSC 402	Sheep Production			ANSC 402	Sheep Production	
ANSC 403	Pork Production			ANSC 403	Pork Production	
ANSC 404	Poultry Science			ANSC 404	Poultry Science	
ANSC 405	Advanced Dairy Management			ANSC 405	Advanced Dairy Management	
ANSC 406	Zoo Animal Conservation Sci			ANSC 406	Zoo Animal Conservation Sci	
ANSC 407	Animal Shelter Management			ANSC 407	Animal Shelter Management	
ANSC 409	Meat Science			ANSC 409	Meat Science	
ANSC 422	Companion Animal Nutrition			ANSC 422	Companion Animal Nutrition	
ANSC 423	Advanced Dairy Nutrition			ANSC 423	Advanced Dairy Nutrition	
ANSC 431	Advanced Reproductive Biology			ANSC 431	Advanced Reproductive Biology	
ANSC 438	Lactation Biology			ANSC 438	Lactation Biology	
ANSC 444	Applied Animal Genetics			ANSC 444	Applied Animal Genetics	
ANSC 446	Population Genetics			ANSC 446	Population Genetics	
ANSC 450	Comparative Immunobiology			ANSC 450	Comparative Immunobiology	
ANSC 451	Microbes and the Anim Indust			ANSC 451	Microbes and the Anim Indust	
ANSC 452	Animal Growth and Development			ANSC 452	Animal Growth and Development	
ANSC 467	Applied Animal Ecology			ANSC 467	Applied Animal Ecology	
CPSC 407	Diseases of Field Crops			CPSC 407	Diseases of Field Crops	
CPSC 418	Crop Growth and Management			CPSC 418	Crop Growth and Management	
CPSC 431	Plants and Global Change			CPSC 431	Plants and Global Change	

			16	FSHN 302	Sensory Evaluation of Foods	
FSHN 322	Nutrition and the Life Cycle			FSHN 322	Nutrition and the Life Cycle	
FSHN 329	Communication in Nutrition		9			
FSHN 332	Science of Food Systems			FSHN 332	Science of Food Systems	
FSHN 340	Food Production and Service		9			
FSHN 420	Nutritional Aspects of Disease		9			
FSHN 425	Food Marketing			FSHN/ACE 425	Food Marketing	
FSHN 428	Community Nutrition			FSHN 428	Community Nutrition	
HORT 464	International Hort Products			HORT 464	International Hort Products	
			10	<u>NRES 325</u>	<u>Natural Resource Policy Management</u>	
NRES 330	Environmental Communications		11	NRES 330*	Environmental Communications	
NRES 348	Fish and Wildlife Ecology			NRES 348	Fish and Wildlife Ecology	
			12	<u>NRES/LA 370</u>	<u>Environmental Sustainability</u>	
NRES 409	Fishery Ecol and Conservation			NRES 409	Fishery Ecol and Conservation	
NRES 419	Env and Plant Ecosystems			NRES 419	Env and Plant Ecosystems	
NRES 420	Restoration Ecology			NRES 420	Restoration Ecology	
NRES 430	Comm in Env Social Movements		11	NRES 430*	Comm in Env Social Movements	
NRES 431	Plants and Global Change			NRES 431	Plants and Global Change	
NRES 474	Soil and Water Conservation			NRES 474	Soil and Water Conservation	
NRES 488	Soil Fertility and Fertilizers			NRES 488	Soil Fertility and Fertilizers	
			13	<u>PLPA 407</u>	<u>Diseases of Field Crops</u>	
			14	<u>TSM 311</u>	<u>Humanity in the Food Web</u>	
Total Hours		18		Total Hours		18

* These courses may only be used to satisfy the requirements of the major in Ag Communications or the Food and Environmental Systems minor, but not both.

From:
Sent:
To:
Subject:

Mary,

I think the other courses should be fine (NRES 219, 287, 325). There is some uncertainty as to when NRES 325 will be offered again because of Tim Marty's retirement. But as long as the course is part of a large grouping, it should not be a problem.

Thanks,

Bob

Robert L. Schooley
Associate Professor, Wildlife Ecology and Conservation
Teaching Coordinator
Department of Natural Resources and Environmental Sciences
University of Illinois
W-401B Turner Hall, 1102 S. Goodwin Ave.
Urbana, IL 61801

217-244-2729 (Office)
217-244-3219 (Fax)
http://www.nres.uiuc.edu/faculty/directory/schooley_rl.html

From: Lowry, Mary K
Sent: Tuesday, September 16, 2014 9:45 AM
To: Schooley, Robert Lee
Subject: RE: Food and Environmental Systems Minor

OK Bob,
Thanks for the heads up about 370. If there are any other concerns, please let me know.
Mary

From: Schooley, Robert Lee
Sent: Monday, September 15, 2014 11:58 AM
To: Lowry, Mary K
Subject: RE: Food and Environmental Systems Minor

Mary,

I am running your request by Piper Hodson and NRES C&C. I will let you know if we have any concerns.

Piper did remind me that NRES 370 is controlled by Landscape Architecture and we are just a cross-list. So you will need to ask LA about that course.

Thanks,

Bob

Robert L. Schooley
Associate Professor, Wildlife Ecology and Conservation
Teaching Coordinator
Department of Natural Resources and Environmental Sciences
University of Illinois
W-401B Turner Hall, 1102 S. Goodwin Ave.
Urbana, IL 61801

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http://www.nres.uiuc.edu/faculty/directory/schooley_rl.html

From: Lowry, Mary K
Sent: Friday, September 12, 2014 4:57 PM
To: Schooley, Robert Lee
Subject: Food and Environmental Systems Minor

Hello!

I am writing to ask for your approval to add four NRES courses to "select from" lists for the Food and Environmental Systems Minor, which is administered by the Academic Programs Office. This minor is open to all students, but is required of Ag Communications majors, and these recommendations come from the Ag Comm Program Committee. The minor is detailed at <http://academics.aces.illinois.edu/minors/food-environment>. The Program Committee thought that these courses have content that Ag Communicators would be very interested in, and in which a solid background would be beneficial. We would like to add NRES 219 and NRES 287 to the "Choose 4 hours from" list. And we would like to add NRES 325 and 370 to the "Choose 4 hours from" list. As you can see, there exist many options for students to select from, so we don't anticipate any noticeable change in course enrollments for any of the individual courses. But if you have any concerns about adding these to the lists of options, please let me know. The C&C committee will be looking at all the proposed changes in your meeting on Wed.

Thank you,
Mary

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Mary K. Lowry  
Assistant Dean for Student Success

College of Agricultural, Consumer and Environmental Sciences  
Academic Programs Office  
128 Mumford Hall  
1301 W. Gregory Dr.  
Urbana, IL 61801

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**From:** Kolb, Frederic L  
**Sent:** Tuesday, September 16, 2014 10:48 AM  
**To:** Lowry, Mary K  
**Subject:** RE: Food and Environmental Systems Minor

Hi Mary,  
Yes, PLPA 407 is fine. It's required in several of our concentrations and will continue to be offered.

Fred

Frederic L. Kolb  
Cavanah Professor of Plant Breeding and Genetics  
Crop Sciences Teaching Coordinator  
Department of Crop Sciences  
University of Illinois  
1102 S. Goodwin Ave.  
Urbana, IL 61801

Ph (217) 333-9485  
[f-kolb@illinois.edu](mailto:f-kolb@illinois.edu)

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**From:** Lowry, Mary K  
**Sent:** Tuesday, September 16, 2014 9:59 AM  
**To:** Kolb, Frederic L  
**Subject:** RE: Food and Environmental Systems Minor

Fred,  
Thanks for the reply, and good catch! Yes, it was supposed to be PLPA 407, not 409, that they wanted to include. Is that one ok?  
Mary

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**From:** Kolb, Frederic L  
**Sent:** Tuesday, September 16, 2014 9:33 AM  
**To:** Lowry, Mary K  
**Subject:** RE: Food and Environmental Systems Minor

Hi Mary,

Sorry to be slow to reply. Yes, it is fine to include PLPA 204 in the Food and Environmental Systems Minor. Unfortunately PLPA 409, Disease of Ornamentals and Turf is longer longer offered. Did you mean a different PLPA number? Perhaps 405, 406 or 407?

Fred

Frederic L. Kolb  
Cavanah Professor of Plant Breeding and Genetics  
Crop Sciences Teaching Coordinator  
Department of Crop Sciences

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Urbana, IL 61801

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**From:** Lowry, Mary K  
**Sent:** Friday, September 12, 2014 4:58 PM  
**To:** Kolb, Frederic L  
**Subject:** Food and Environmental Systems Minor

Dear Fred,

I am writing to ask for your approval to add two PLPA courses to "select from" lists for the Food and Environmental Systems Minor, which is administered by the Academic Programs Office. This minor is open to all students, but is required of Ag Communications majors, and these recommendations come from the Ag Comm Program Committee. The minor is detailed at <http://academics.aces.illinois.edu/minors/food-environment>. The Program Committee thought that these courses have content that Ag Communicators could be asked to write about, and in which a solid background would be beneficial. We would like to add PLPA 204 to the "Choose 4 hours from" list. And we would like to add PLPA 409 to the "Choose 4 hours from" list. This would allow them to complete the minor with a focused scientific content area. As you can see, there exist many options for students to select from, so we don't anticipate any noticeable change in course enrollments for any of the individual courses, and it seems that these have been offered consistently in the past. But if you have any concerns about adding these to the lists of options, please let me know. The C&C committee will be looking at all the proposed changes in your meeting on Wed.

Thank you,  
Mary

~~~~~

Mary K. Lowry
Assistant Dean for Student Success

College of Agricultural, Consumer and Environmental Sciences
Academic Programs Office
128 Mumford Hall
1301 W. Gregory Dr.
Urbana, IL 61801

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From: Miller, David J
Sent: Wednesday, September 17, 2014 10:35 AM
To: Lowry, Mary K
Subject: Re: Food and Environmental Systems Minor

Hi Mary,

We would be pleased to have that included in the FES minor. Thanks for asking.

Dave

On Sep 12, 2014, at 4:59 PM, Lowry, Mary K <lowry@illinois.edu> wrote:

Hello Professor Miller,
I am writing to ask for your approval to add an ANSC course to "select from" list for the Food and Environmental Systems Minor, which is administered by the Academic Programs Office. This minor is open to all students, but is required of Ag Communications majors, and these recommendations come from the Ag Comm Program Committee. The minor is detailed at <http://academics.aces.illinois.edu/minors/food-environment>. The Program Committee thought that this course has content that Ag Communicators would be very interested in, and in which a solid background would be beneficial. We would like to add ANSC 250 to the "Choose 4 hours from" list. As you can see, there exist many options for students to select from, so we don't anticipate any noticeable change in course enrollments for any of the individual courses. But if you have any concerns about adding this to the list of options, please let me know. The C&C committee will be looking at all the proposed changes in your meeting on Wed.
Thank you,
Mary

~~~~~

Mary K. Lowry  
Assistant Dean for Student Success

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**David Miller**  
**Professor**  
**Undergraduate Teaching Coordinator**  
**Department of Animal Sciences**  
**University of Illinois**  
**Room 328 Animal Sciences Lab**  
**1207 West Gregory Drive**  
**Urbana, IL 61801**  
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**<http://ansci.illinois.edu/directory/david-miller>**  
**<http://labs.ansci.illinois.edu/millerlab/index.html>**

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**From:** Emmerling-Dinovo, Carol Anne  
**Sent:** Tuesday, September 23, 2014 2:11 PM  
**To:** Lowry, Mary K  
**Cc:** Sullivan, William C; Ruggles, D Fairchild  
**Subject:** RE: Food and Environmental Systems Minor

Dear Mary,

I just spoke with Bill Sullivan. He is very happy to have LA 370 on the list!

Carol

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**From:** Lowry, Mary K  
**Sent:** Wednesday, September 17, 2014 11:49 AM  
**To:** Emmerling-Dinovo, Carol Anne ([cemmer@illinois.edu](mailto:cemmer@illinois.edu))  
**Subject:** Food and

Carol,

I am not sure if you are the right person to direct this to, but if not, would you please let me know or forward it? I am writing to ask for approval to add LA 370, Environmental Sustainability to the "select from" list for the Food and Environmental Systems Minor, which is administered by the ACES Academic Programs Office. This minor is open to all students, but is required of Ag Communications majors, and these recommendations come from the Ag Comm Program Committee.

The minor is detailed at <http://academics.aces.illinois.edu/minors/food-environment>. The Program Committee thought that this course had content that Ag Communicators would be very interested in, and is and which a solid background would be beneficial. We would like to add LA 370 to the "Choose 6 hours from" list at the 300 and 400 level. As you can see, there exist many options for students to select from, so we don't anticipate any noticeable change in course enrollments for any of the individual courses. But if you have any concerns about adding this to the list of options, please let me know.

Thank you,  
Mary

~~~~~  
Mary K. Lowry
Assistant Dean for Student Success

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128 Mumford Hall
1301 W. Gregory Dr.
Urbana, IL 61801

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From: Rodriguez, Lulu
Sent: Monday, April 20, 2015 12:09 PM
To: Lowry, Mary K
Subject: Re: FES Minor proposal

Importance: High

Dear Dean Mary --

It is my understanding that AGCM 330 and 430 are both listed as elective courses for both the AGCM core and the Food and Environmental Systems minor. This is to request the addition of a note in our program of study to indicate that these two courses can be counted for the minor OR the major, but the cannot count toward both requirements.

Many thanks for all your efforts to clarify our curriculum.

Lulu

Lulu Rodriguez
Director, Agricultural Communications Program
University of Illinois at Urbana-Champaign
274 Bevier Hall, 905 South Goodwin Avenue
Urbana, IL 61801
lulurod@illinois.edu
<http://agcomm.illinois.edu/>
217-300-1045

From: <Lowry>, Mary K <lowry@illinois.edu>
Date: Monday, April 20, 2015 10:24 AM
To: Lulu Rodriguez <lulurod@illinois.edu>
Cc: "Anderson, Barbara Rk" <banders9@illinois.edu>
Subject: FES Minor proposal

Lulu,

I am attaching all the support letters for the proposal to revise the FES minor, but I need one from you. In the proposal we are adding a note to NRES 330 and 430 that if AGCM students take them, they can be counted for the minor OR the major, but one course can't count toward both requirements. I know we discussed it, but I need something official from you. Can you send me a short email requesting that note be added? That will support the request to make that addition. Sorry about the late notice. If you could do it today or tomorrow, I can get the proposal to the Provost's Office.

Thanks,
Mary

From: Ando, Amy W
Sent: Friday, April 03, 2015 5:12 PM
To: Lowry, Mary K
Subject: RE: Food and Environmental Systems Minor

The best kind!

Have a great weekend-

Amy

Amy W. Ando, Professor
Director of Graduate Studies and Associate Head of Academic Programs
Dept. of Agricultural and Consumer Economics
University of Illinois at Urbana-Champaign
1301 W. Gregory Dr., Urbana, IL 61801
amyando@illinois.edu

From: Lowry, Mary K
Sent: Friday, April 03, 2015 5:02 PM
To: Ando, Amy W
Subject: RE: Food and Environmental Systems Minor

Amy,
Yes, and it is a long list!
Thanks,
Mary

From: Ando, Amy W
Sent: Friday, April 03, 2015 4:48 PM
To: Lowry, Mary K
Subject: RE: Food and Environmental Systems Minor

As long as it is just one of a list and not something that is required. I can approve that.

Best,
Amy

Amy W. Ando, Professor
Director of Graduate Studies and Associate Head of Academic Programs
Dept. of Agricultural and Consumer Economics
University of Illinois at Urbana-Champaign
1301 W. Gregory Dr., Urbana, IL 61801
amyando@illinois.edu

From: Lowry, Mary K
Sent: Friday, April 03, 2015 3:07 PM
To: Ando, Amy W
Subject: FW: Food and Environmental Systems Minor

Amy,

Could you please see the emails below and confirm via email, as Undergraduate Curriculum Director for ACE, that it is ok add ACE 432 Farm Management to the list of available courses for the FES minor? We are finally ready to submit the proposal. Let me know if you have any concerns.

Thanks,
Mary

From: Finnegan, Ann Butler
Sent: Friday, October 10, 2014 10:05 AM
To: Lowry, Mary K
Subject: RE: Food and Environmental Systems Minor

Yes. I think so, Mary.
Ann

From: Lowry, Mary K
Sent: Friday, October 10, 2014 9:51 AM
To: Finnegan, Ann Butler
Subject: RE: Food and Environmental Systems Minor

Ann,
Sorry for the long lag here, but I talked to Terri Cummings yesterday about the FSHN courses, and she pointed out that our listing of FSHN 425 was wrong because it is really ACE 430. Is that a course we should keep in the FES listing?
Thanks,
Mary

From: Finnegan, Ann Butler
Sent: Sunday, September 14, 2014 11:02 AM
To: Lowry, Mary K
Subject: RE: Food and Environmental Systems Minor

Hi, Mary,
I would remove ACE 346 as I don't think it fits the purpose of the minor or the nature of the other courses listed. I note that ACE 332 has been removed, so you might want to add ACE 432 Farm Management in its place.
Ann

From: Lowry, Mary K
Sent: Friday, September 12, 2014 5:28 PM
To: Harper, Joe Grant; Cummings, Terri P; Finnegan, Ann Butler
Subject: Food and Environmental Systems Minor

Hello!
I have been reviewing the requirements for the Food and Environmental Systems Minor, which is administered by the Academic Programs Office. This minor is open to all students, but is required of Ag Communications majors. This week the Ag Comm Program Committee has proposed some revisions to the minor, which is detailed at <http://academics.aces.illinois.edu/minors/food-environment>.

Although the proposed revisions don't impact your department, I wanted to take this opportunity to ask you to review your department's courses that are included as electives, and let me know if you have any concerns. This list has evolved over the last few years, and so a review is appropriate. The intent of the minor is to offer a broad overview of food and environmental systems, based on science courses for students from outside of the college. As you can see,

there exist many options for students to select from, so we don't anticipate any noticeable impact in course enrollments for any of the individual courses, and it seems that these have been offered consistently in the past. But if you have any concerns about any listed courses, please let me know.

Thank you,
Mary

Mary K. Lowry
Assistant Dean for Student Success

College of Agricultural, Consumer and Environmental Sciences
Academic Programs Office
128 Mumford Hall
1301 W. Gregory Dr.
Urbana, IL 61801

217-333-3380
Fax 217-244-6537

From: Ting, Kuan Chong
Sent: Monday, April 20, 2015 11:55 AM
To: Lowry, Mary K; Hansen, Alan Christopher; Rodriguez, Luis F
Subject: RE: Food and Environmental Systems Minor

Dear Lowry,

I approve the inclusion of TSM 311 in the list of advanced courses from which students in the FES Minor can choose from.

Regards,
KC

K.C. Ting, Ph.D., P.E.
Professor and Head
Department of Agricultural and Biological Engineering
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338 Agricultural Engineering Sciences Building, MC-644
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Phone: 217-333-3570
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email: kcting@illinois.edu
Website: abe.illinois.edu

"Empower with Knowledge and Wisdom (kW) for Life"

From: Lowry, Mary K
Sent: Monday, April 20, 2015 10:05 AM
To: Ting, Kuan Chong; Hansen, Alan Christopher; Rodriguez, Luis F
Subject: Food and Environmental Systems Minor
Importance: High

Professors Ting, Hansen and Rodriguez,

I am writing to ask if you would approve of adding TSM 311 to the list of advanced courses from which students in the FES Minor can choose from. We are sending a proposal for revisions, now that ACES 102 has been approved, and the College C&C Committee actually requested that this course be included because of its relevance to the minor. The proposed curricula is attached, and you can see that this course would be one of more than 50 that students can choose from, so I don't believe it will cause any significant impact on the enrollment. I am sorry for the short turn-around, but if you could let me know in the next day or two, I'd really appreciate it. A reply to this message from Dr. Ting is what I will need to attach to the proposal. If there are any questions, please let me know.

Thank you,
Mary

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Mary K. Lowry

**Assistant Dean for Student Success  
College of Agricultural, Consumer and Environmental Sciences  
Academic Programs Office  
128 Mumford Hall  
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UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

EP.16.04

Office of the Provost and Vice Chancellor  
for Academic Affairs

Swanlund Administration Building  
601 East John Street  
Champaign, IL 61820



August 4, 2015

Bettina Francis, Chair  
Senate Committee on Educational Policy  
Office of the Senate  
228 English Building, MC-461

Dear Professor Francis:

Enclosed is a copy of a proposal from the College of Agricultural, Consumer and Environmental Sciences to revise the undergraduate minor in Food and Environmental Systems.

Sincerely,

A handwritten signature in cursive script that reads "Kathryn A. Martensen".

Kathryn A. Martensen  
Assistant Provost

Enclosures

c: L. Kramer  
B. Anderson  
S. Lee  
M. Lowry  
M. Rodriguez  
R. Chappell

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

College of Agricultural, Consumer  
and Environmental Sciences

Academic Programs  
128 Mumford Hall, MC-710  
1301 West Gregory Drive  
Urbana, IL 61801



April 20, 2015

Kathy Martensen, Assistant Provost  
Office of the Provost, Second Floor  
Swanlund Administration Building  
Campus MC-304

Dear Kathy:

I am writing to request campus-level approval for revisions to the Minor in Food and Environmental Systems. The proposal has been reviewed and endorsed by the College of ACES Courses and Curricula Committee, and complete documentation is attached in Senate format.

Thank you for your consideration of this request. I look forward to receiving your reply.

Sincerely,

A handwritten signature in cursive script that reads "Laurie Kramer".

Laurie Kramer  
Associate Dean, ACES Academic Programs

LFK/rhc

cc: ACES C&C Binder  
B. Rk. Anderson  
S.-Y. Lee  
M. K. Lowry  
M. L. A. Rodriguez

## Lowry, Mary K

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**From:** Nickols, Sharon M  
**Sent:** Thursday, September 17, 2015 10:46 AM  
**To:** Lowry, Mary K  
**Subject:** RE: FSHN courses in FES minor

Hi Mary,  
Just to follow-up on this question and request regarding courses in FSHN that are appropriate for the FES minor.

The FSHN academic team believes that the following courses should be included with the FES minor.

FSHN 101 (suggested for all FES minors)  
FSHN 120 or 220 (220 recommended for students wanting to take additional FSHN courses and also recommended that students have 1 semester of chemistry before taking FSHN 220)

Optional courses:

- \* FSHN 260 Raw Materials for Processing
- \* FSHN 232 Science of Food Preparation
- \* FSHN 302 Sensory Evaluation of Foods
- \* FSHN 322 Nutrition and the Life Cycle
- \* FSHN 428 Community Nutrition
- \* FSHN 425 Food Marketing (taught by ACE faculty, so may want to double check with ACE)

The team is interested in knowing who advises the FES students? Are you the advisor for this minor?

Thanks, Mary. We are really pleased that this question was asked and are happy to offer courses to the minor.

Thanks,  
Shelly

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**From:** Lowry, Mary K  
**Sent:** Tuesday, September 08, 2015 12:20 PM  
**To:** Nickols, Sharon M  
**Subject:** FSHN courses in FES minor

Hello Shelly,

I have a question about including some FSHN courses in the Food and Environmental Systems minor. Last term, I work on a proposal to make revisions to the minor, primarily related to adding ACES 102 in place of ACES 101. In that revision FSHN requested several of your courses to be removed, and after looking, it was appropriate. Many had "hidden" prerequisites or were restricted to FSHN students. However, the proposal is now being reviewed by the Senate Educational Policy Committee (EPC), and they have questioned the lack of FSHN courses in a minor with 'Food' in the title. Dean Kramer and I discussed this, and she agrees. So I met with Soo Lee to see if there were any FSHN courses that might be appropriate to include.

The structure of the minor is that students take 3 required courses: ACES 102, NRES 100 and FSHN 101. Then they take 1 Introductory (100-200 level) course, and then at least 6 hours of Advanced courses (300-400 level). These second two sets of requirements are selected from a list. The proposed/updated lists are attached. We tried to have at least 1 Intro and 1 Advanced course from each dept/unit in ACES, but as you can see, with the proposed changes (right column) we will only have FSHN 120 in the Intro list, and one ACE/FSHN 300 level course in the list. This is what EPC is questioning.



The minor is open to all students, but it is required of Ag Comm students, so the audience is broad, but all students are taking FSHN 101. When Soo and I reviewed the FSHN courses, we considered course capacity, prereqs, and interest/suitability for non-majors. We thought that these might be able to be added, with your permission:

FSHN 220 (Adding this as an option to 120, i.e. FSHN 120 or 220). Those who wanted to take higher level FSHN courses would need 220 as a prereq.

FSHN 260 We feel would be a great addition.

FSHN 302 Soo is willing, but notes the course does fill completely sometimes.

FSHN 329 This one was initially on the remove request from FSHN, but because it is a communication course, we thought it would be of special interest to the Ag Comm students. It does have some prereqs, and is restricted to Nutrition and Dietetics students. So it would need to be changed to allow AG Com students. That wouldn't let everyone in the minor enroll, but it could be available to interested Ag Comm students, which I think would only be a few.

FSHN 344 But we were not sure of the future or of the capacity for this course.

Of course if there are other courses that fit, that the dept would like to promote, we are happy to add those too. The minor is certainly not over-subscribed (enrollment of 10 right now), so impact to any one course is anticipated to be small. If you could let me know which, if any courses we could add back to the minor in this revision, I would appreciate it. The EPC meets on 9/14 and 9/28 this month. But I realize it's a short week. So in order to make the agenda for their 28<sup>th</sup> meeting, I'd need to reply back to them by 9/23. If you have any questions, please let me know.

Thank you for your consideration,  
Mary