

## **Proposed Minor Food and Society**

### **Department of Food Science and Human Nutrition**

An outline of the necessary information is provided below. The completed proposal should be made available in an electronic form for review and approval.

#### **Program Proposal**

1. Name of the proposed minor. **Food and Society**
2. Name of the department(s) involved. **Food Science and Human Nutrition**
3. Name of contact person(s). **Ruth MacDonald/Ruth Litchfield**
4. Need for the proposed minor. **The courses in this minor will provide students with a foundation in food science and nutrition and an integrated perspective of contemporary food and nutrition issues. This minor will help students understand the scientific and social aspects of food and nutrition.**
5. Objectives of the proposed minor including the student learning outcomes and how the learning outcomes will be assessed.

**The learning outcomes for students completing this minor are:**

- 1. To apply basic knowledge about food and nutrition to current issues in U.S. and global food systems**
- 2. To analyze the impact of public policy on food and nutrition systems in various political climates.**

**These learning outcomes will be assessed in the capstone course taught by Dr. Clark Ford (FSHN 442, Issues in Food and Society), and the FSHN Outcomes Assessment Committee.**

6. General description of the minor.

**The requirements for the Food and Society minor are below. Course names, credits, title and prerequisite courses are noted. This minor is designed for students in majors outside the FSHN Department.**

#### *Course Credits*

**FSHN 101 (3) Food and the Consumer (high school biology)**

**FSHN 167 (3) Introduction to Human Nutrition (high school biology)**

**FSHN 242 (3) Societal Impacts on Food Systems (no prerequisites)**

**FSHN 342 (3) World Food Issues: Past and Present (junior classification)**

**FSHN 442 (2) Issues in Food and Society. (242, 342)**

**Select 2-3 additional credits from:**

**AGRON 450(3) Issues in Sustainable Agriculture**

**AGRON 497(3) Agroecology Field Course**

**ECON 362 (3) Applied Ethics in Agriculture**

**FSHN 308 (3) Dairy Products: Current Issues and Controversies. Change course number from 208 to 308, see description in course changes (no prerequisites)**

**FSHN 364 (3) Nutrition and Prevention of Chronic Disease (Biol 256/L or 306)**

**FSHN 365 (3) Obesity and Weight Management (no prerequisites)**

**FSHN 403 (2) Food Laws, Regulation and Reg Process (3 credits in FS at 200 or above)**

**FSHN 463 (3) Community Nutrition (FSHN 265 or 360)**

**FSHN 496A (1-4) International Travel (permission of instructor)**

**Total Credits 16-17**

7. Relationship of the minor to other programs at Iowa State University. **There are currently no other minors offered at ISU that integrate the concept of food and society. The curriculum and learning objectives are unique and do not overlap with other minors in FSHN.**
8. Relationship of the minor to the department's/college's/university's strategic plans. **FSHN, CALS, CHS and ISU have a goal to enhance human health and wellness. Food is an integral part of daily life and has direct impact on health. Additionally, political and sociological aspects of food arise on a continual basis about which citizens must make complex decisions. Providing ISU students with a well-rounded, science-based education regarding food will enhance their capacities as global citizens.**
9. Comparison of the proposed minor with:
  - a. standards, if any, established by accrediting associations; **No standards established by food and nutrition accrediting associations**
  - b. similar programs at other universities. **We are not aware of any curricula that directly compares to the proposed minor at our peer institutions or in the Big 12. Some programs with a Food Science major may have a single course (typically for non-majors) that has the title of Food and Society, or Food and Culture. There are some private institutions (without research-based food science programs) that offer food and society, food and culture, or food and environment types of majors.**
10. Program requirements, including:
  - a. prerequisites for prospective students; **See #6 for prerequisite course requirements. No other prerequisites for students.**
  - b. language requirements; **none**
  - c. courses and seminars presently available for credit toward the program; **all courses are presently available for credit**
  - d. proposed new courses or modifications of existing courses; **FSHN 442 (2) Issues in Food and Society is a new experimental course for 2013-14 catalog. Dr. Clark Ford has expressed interest in teaching this capstone course.**

FS HN 442. Issues in Food and Society. (2-0) Cr. 2. S. Prereq: FSHN 242 and FSHN 342. In-depth discussion, synthesis, and analysis of domestic and international food issues including: food systems from farm to fork, poverty and world hunger, overnutrition, population, agriculture and the environment, ethics, biotechnology, and policy. e. implications for related areas within the university. **This minor will provide an opportunity for non-science and non-FSHN majors to explore how food systems, food and nutrition, interconnect with societal issues.**

11. General description of the resources currently available and future resource needs, in terms of:
  - a. faculty members; **adequate**
  - b. effects of the new courses on the work load of the present staff; **additional students in existing courses and one new course will be developed**
  - c. research facilities; **none required**
  - d. library facilities (journals, documents, etc.) in the proposed area; **adequate**
  - e. supplies, field work, student recruitment, etc. **A field trip fee will be assessed**
12. Describe the needs for new resources and/or reallocated resources. Attach to the program proposal memos from the department chair(s), the college dean(s), and other appropriate persons, agreeing to the allocation of new resources and/or the reallocation of resources. **Attached letter from FSHN Chair**
13. Attach to the program proposal, letters of support, recommendations, and statements when appropriate:
  - a. from programs at the other Regents universities; **Not applicable**
  - b. from programs and departments at ISU which are associated with the proposed program or have an interest in the proposed program. **Not applicable**
14. If the new program is interdisciplinary, a governance document should be created and submitted to the Associate Provost for Academic Programs. Indicate here that it has been completed. **Not applicable**

## Syllabus

### Food and Society Seminar FSHN 442X

FS HN 442. Issues in Food and Society. (2-0) Cr. 2. S. Prereq: FSHN 242 and FSHN 342. In-depth discussion, synthesis, and analysis of domestic and international food issues including: food systems from farm to fork, poverty and world hunger, overnutrition, population, agriculture and the environment, ethics, biotechnology, and policy.

Instructor: Clark Ford, [cford@iastate.edu](mailto:cford@iastate.edu), 2567 Food Sciences Bldg.

Phone: 4-0343

Credits: 2

Lecture/Recitation

Topic: Discussion of domestic and international food issues including: Food systems from farm to fork, poverty and world hunger, over-nutrition, population, agriculture and the environment, ethics, biotechnology, and policy.

#### Student Learning Outcomes:

Students will be able to:

1. Discuss, analyze and synthesize social and ethical aspects of domestic and international food issues;
2. Examine and analyze domestic and international food issues relative to nutritional health and well-being;
3. Debate case studies, news articles, scholarly papers and videos relative to domestic and international food systems as they impact nutritional health and global food needs;
4. Create written case studies integrating social and ethical aspects of domestic and international food issues.

#### Topics:

Week 1.	Domestic Food Production/ Processing
Week 2.	Case study on Domestic Food Production/Processing
Week 3.	Nutrition and Domestic Food
Week 4.	Case study on Nutrition and Domestic Food
Week 5.	Global Food Production/Processing
Week 6.	Case study on Global Food Production/Processing
Week 7.	Global Overnutrition/Undernutrition
Week 8.	Case Study on Global Overnutrition/Undernutrition
Week 9.	Population, Environment, and Agriculture issues
Week 10.	Case study on Population, Environment and Agriculture Issues
Week 11.	Student Case Studies
Week 12.	Student Case Studies
Week 13.	Student Case Studies
Week 14.	Student Case Studies
Week 15.	Student Case Studies

**From:** [Reitmeier, Cheryll A \[FSHNH\]](#)  
**To:** [Litchfield, Ruth E \[FSHNH\]](#)  
**Subject:** FW: Proposed Minor - Food and Society  
**Date:** Thursday, May 09, 2013 11:07:11 AM  
**Importance:** High

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FYI, a curriculum item for next fall.

Cheryll Reitmeier, Ph.D.  
Professor and Associate Chair  
Department of Food Science and Human Nutrition  
2543 Food Sciences Bldg.  
Ames, IA 50011  
515-294-4325

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**From:** Carlson, Patricia M [SOE]  
**Sent:** Wednesday, May 08, 2013 9:39 AM  
**To:** Reitmeier, Cheryll A [FSHNH]  
**Cc:** Campbell, Christina [FSHNH]  
**Subject:** Proposed Minor - Food and Society  
**Importance:** High

Cheryll,

The College of Human Sciences Curriculum Committee approved the proposed minor, Food and Society, at our meeting on May 7, 2013 with a vote of 6-0.

Pat

Patricia M. Carlson, Ph.D.  
Iowa State University  
N105A Lagomarcino Hall  
Ames, IA 50014  
[pcarlson@iastate.edu](mailto:pcarlson@iastate.edu)  
515 294-8514

**From:** [MacDonald, Ruth S \[FSHNA\]](#)  
**To:** [CALC Curriculum Chair \[AGLS\]](#); [Litchfield, Ruth E \[FSHNH\]](#)  
**Cc:** [Clark, Stephanie \[FSHNH\]](#)  
**Subject:** RE: Food and Society minor proposal  
**Date:** Sunday, October 06, 2013 7:57:40 PM

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FSHN Faculty voted on March 30, 2012 vote to Add a minor in Food and Society:

21 Approved  
1 Do not approve  
1 Abstain

**Ruth MacDonald**

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**From:** CALC Curriculum Chair [AGLS]  
**Sent:** Friday, October 04, 2013 8:36 PM  
**To:** Litchfield, Ruth E [FSHNH]  
**Cc:** MacDonald, Ruth S [FSHNA]; Clark, Stephanie [FSHNH]  
**Subject:** RE: Food and Society minor proposal

Dr. Litchfield,

Thank you for sending me that information! However, what will be needed by the Faculty Senate Curriculum Committee is actual vote counts (e.g., 17 for, 3 against, 2 abstentions) instead of percentages. I apologize if I did not make that clear to you in my earlier message.

Thanks again!

Sincerely,

Curt Youngs  
2013-2014 CALC Curriculum Committee Chairperson

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**From:** Litchfield, Ruth E [FSHNH]  
**Sent:** Friday, October 04, 2013 4:58 PM  
**To:** CALC Curriculum Chair [AGLS]  
**Cc:** MacDonald, Ruth S [FSHNA]; Clark, Stephanie [FSHNH]  
**Subject:** RE: Food and Society minor proposal

Dr. Youngs –

The faculty vote in FSHN occurred on 9/9/13 and was 91.3% in favor, 4.4% against, and 4.4% abstention.

Ruth

Ruth Litchfield, PhD, RD, LD  
Associate Professor/State Nutrition Extension Specialist  
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220 MacKay Hall  
Ames, IA 50011  
PH 515-294-9484  
FAX 515-294-6193  
[litch@iastate.edu](mailto:litch@iastate.edu)

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**From:** Litchfield, Ruth E [FSHNH]  
**Sent:** Friday, October 04, 2013 2:02 PM  
**To:** CALS Curriculum Chair [AGLS]  
**Cc:** MacDonald, Ruth S [FSHNA]; Clark, Stephanie [FSHNH]  
**Subject:** RE: Food and Society minor proposal

Dr. Youngs –

Dr. MacDonald will be attending the October 9 meeting to participate in the discussion. Please post the proposed minor but not the Chair letter for the committee's review. We will verify curriculum committee and faculty votes prior to proceeding to Faculty Senate Curriculum Committee.

Ruth

Ruth Litchfield, PhD, RD, LD  
Associate Professor/State Nutrition Extension Specialist  
Department of Food Science and Human Nutrition  
Iowa State University  
220 MacKay Hall  
Ames, IA 50011  
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FAX 515-294-6193  
[litch@iastate.edu](mailto:litch@iastate.edu)

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**From:** CALS Curriculum Chair [AGLS]  
**Sent:** Thursday, October 03, 2013 2:15 PM  
**To:** Litchfield, Ruth E [FSHNH]  
**Cc:** MacDonald, Ruth S [FSHNA]; Clark, Stephanie [FSHNH]  
**Subject:** Food and Society minor proposal

Dr. Litchfield,

In reviewing the materials you submitted for the Food and Society minor, I saw the letter of support

from Dr. MacDonald which indicated that FSHN faculty had voted to approve this minor.

In order to be approved by the Faculty Senate Curriculum Committee, the minor request will need to move forward with a memo (or e-mail) stating the exact vote count for each and every departmental and college vote that was taken pertaining to the proposed minor.

Would you please obtain that information in advance of the CALS curriculum committee meeting on October 9?

Thanks!

Sincerely,

Curt Youngs  
2013-2014 CALS Curriculum Committee Chairperson



**From:** [CALS Curriculum Chair \[AGLS\]](#)  
**To:** [MacDonald, Ruth S \[FSHNA\]](#)  
**Cc:** [Clark, Stephanie \[FSHNH\]](#); [Litchfield, Ruth E \[FSHNH\]](#); [Hendrich, Suzanne \[FSHNH\]](#)  
**Subject:** Food and Society minor  
**Date:** Wednesday, October 09, 2013 9:42:46 AM

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Dr. MacDonald,

I am writing to notify you that on October 9, 2013 the College of Agriculture and Life Science curriculum committee voted unanimously to approve the proposed Food and Society minor. The votes were: 14 for the proposal, 0 against the proposal, and 0 abstentions.

Thank you for your assistance as this proposal moved forward through our committee.

Sincerely,

Curt Youngs  
2013-2014 CALS Curriculum Committee Chairperson