



OFFICE OF THE PRESIDENT

March 5, 2013

Dean Howard Frumkin  
School of Public Health  
Box 357230

Dear Howie:

Based on the recommendation of its Subcommittee on Admissions and Programs, the Faculty Council on Academic Standards has recommended approval of a minor in Nutritional Sciences. A copy of the approval is attached.

I am writing to inform you that the School of Public Health is authorized to specify these requirements beginning autumn quarter 2012.

The new requirements should be incorporated in printed statements and in individual department websites as soon as possible. The *General Catalog* website will be updated accordingly by the Registrar's Office.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Michael K. Young".

Michael K. Young  
President

Enclosure

cc: Dr. Adam Drewnowski (with enclosure)  
Mr. Robert Corbett (with enclosure)  
Dr. Deborah H. Wiegand (with enclosure)  
Ms. Virjean Edwards (with enclosure NUTR-20120709)



UNIVERSITY OF WASHINGTON

**CREATING AND CHANGING UNDERGRADUATE  
ACADEMIC PROGRAMS**

AUG 02 2012

JUL 27 2012

OFFICE USE ONLY

Control #

NUTR-2012-0709

1 copy

After college/school/campus review, send a signed original and ~~3~~ copies to the Curriculum Office/FCAS, Box 355850.For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>

<b>College/Campus</b> School of Public Health	<b>Department/Unit</b> Nutritional Sciences	<b>Date</b> 7/9/2012
<b>New Programs</b>		
<input type="checkbox"/> Leading to a Bachelor of _____ in _____ degree.		
<input type="checkbox"/> Leading to a Bachelor of _____ degree with a major in _____.		
<input type="checkbox"/> Leading to a _____ Option within the existing major in _____.		
<input checked="" type="checkbox"/> Leading to a minor in Nutritional Sciences		
<b>Changes to Existing Programs</b>		
<input type="checkbox"/> New Admission Requirements for the Major in _____ within the Bachelor of _____.		
<input type="checkbox"/> Revised Admission Requirements for the Major in _____ within the Bachelor of _____.		
<input type="checkbox"/> Revised Program Requirements for the Major in _____ within the Bachelor of _____.		
<input type="checkbox"/> Revised Requirements for the Option in _____ within the major in _____.		
<input type="checkbox"/> Revised Requirements for the Minor in _____.		
<b>Other Changes</b>		
<input type="checkbox"/> Change name of program from _____ to _____.		
<input type="checkbox"/> New or Revised Continuation Policy for _____.		
<input type="checkbox"/> Eliminate program in _____.		
Proposed Effective Date: <b>Quarter:</b> <input checked="" type="checkbox"/> Autumn <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer <b>Year: 20 12</b>		
Contact Person: Adam Drewnowski	Phone:	Email: adamdrew@uw.edu
Box: 353410		
<b>EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE</b>		
For new program, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (Use additional pages if necessary).		
Please see attached. (Proposed Undergraduate Minor in Nutritional Sciences Document)		
<b>OTHER DEPARTMENTS AFFECTED</b>		
List all departments/units/ or co-accredited programs affected by your new program or changes to your existing program and acquire the signature of the chair/director of each department/unit listed. Attach additional page(s) if necessary. *See online instructions.		
Department/Unit:	Chair/Program Director:	Date:
Department/Unit:	Chair/Program Director	Date:



**CATALOG COPY**

Catalog Copy as currently written. Include only sections/paragraphs that would be changed if your request is approved. Please cross out or otherwise highlight any deletions.

N/A - No current catalog copy

**PROPOSED CATALOG COPY**

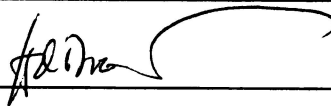
Reflecting requested changes (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications).  
**Please note:** all copy will be edited to reflect uniform style in the General Catalog.

Please see attached. (summary information: Minor in Nutritional Sciences.

**APPROVALS**

Chair/Program Director:

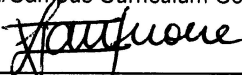
ADAM DREWNOWSKI



Date:

07/10/2012

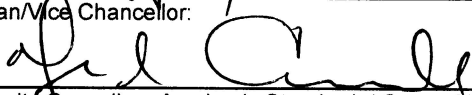
College/School/Campus Curriculum Committee:



Date:

07/26/2012

Dean/Vice Chancellor:



Date:

7/30/2012

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:

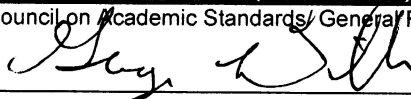


Date:

10/02/12

**POST TRI-CAMPUS APPROVAL (when needed)**

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:



Date:

1/11/13



**SCHOOL OF PUBLIC HEALTH**  
UNIVERSITY *of* WASHINGTON

**Summary Information: Minor in Nutritional Sciences**

Revised November 2012

<b>Contact Information</b>	Donna Johnson, djohn@uw.edu; Adam Drewnowski, adamdrew@uw.edu
<b>Department/Program Title</b>	Nutritional Sciences Program, School of Public Health
<b>Degree</b>	Minor
<b>Brief Program Description</b>	<p>The mission of the undergraduate minor in Nutritional Sciences will be:</p> <ul style="list-style-type: none"> <li>• To provide undergraduates a foundation of knowledge in the study of nutritional sciences, with a unique focus on the intersection of food, food systems and population health.</li> <li>• To provide a comprehensive perspective on the field of nutritional sciences including its metabolic/biochemical, behavioral, and public health aspects.</li> <li>• To examine food and nutrition related policies, practices and environments and their effects on population health and health disparities through the life course.</li> </ul>
<b>Application Deadline</b>	
<b># Required Credits – Total</b>	Minor: 25 credits
<b>Required Courses (Include common alternate courses if applicable)</b>	<p><b>Introductory courses (9 credits)</b></p> <p>NUTR 300                      Nutrition for Today (3)(A)</p> <p>NUTR 302                      Food Studies: Harvest to Health (3)(Sp)</p> <p>NUTR 303                      Neighborhood Nutrition (3)(W)</p> <p>and</p> <p><b>Perspectives in nutrition (1 credit)</b></p> <p>NUTR 490                      Nutrition Seminar - selected topics (1)(W)</p> <p><b>Elective coursework (to total 25 credits)</b></p> <p>Please note that a minimum of 13 credits for the minor must be taken in the School of Public Health (NUTR, ENV H, or EPI courses)</p> <p>NUTR 405                      Physical Activity in Health and Disease (3)(Sp) Prerequisite: BIOL 118 or 180.</p> <p>NUTR 406                      Sports Nutrition (3)(Sp) Prerequisite: NUTR 300</p> <p>NUTR 411                      Survey of Advanced Nutrition (2)(A) Prerequisite: NUTR 300</p> <p>NUTR 441                      Molecular Gastronomy: The Science of Food*(3)(S) PCE course.</p>

	<p>NUTR 446 Food Safety and Health (3)(W)</p> <p>NUTR 465/BIO A 465 Nutritional Anthropology (3) Prerequisite: BIO A 201</p> <p>ANTH 361 Anthropology of Food (5) Prerequisite: 200 level ANTH</p> <p>ENV H 441 Food Protection (3) Prerequisite: 2.0 in CHEM 155, 162, 164 or MICROM 302</p> <p>EPI 420 Introduction to Epidemiology (3)</p> <p>GEOG 271 Geography of Food and Eating (5)(Sp)</p> <p>GEOG 371 World Hunger (5) Prerequisite: GEOG 230, 330 or 335</p> <p>GEOG 380 Geographical Patterns of Health and Disease (5)</p> <p>* Prerequisite to the Graduate Coordinated Program in Dietetics</p>
<b>Other Academic Requirements</b>	<p>A minimum of 13 credits must be taken from the School of Public Health</p> <p>A minimum of 15 credits must be completed in 300 and 400 level courses.</p> <p>A minimum of 15 credits applied towards the minor must be completed in residence at the University of Washington.</p> <p>60% of the coursework (minimum 15 credits) applied to the minor must be taken outside of the student's major requirements. This means these classes may not apply both to the satisfying major requirements and minor requirements.</p> <p>Minimum cumulative 2.0 GPA needed for courses presented for the minor.</p> <p>Students must declare a major and have completed a minimum of 45 credits before declaring a minor.</p> <p>Students must have the major advisor sign off on minor declaration paperwork to ensure satisfactory progress requirements are met.</p>
<b>Admissions Requirements and Prerequisites</b>	None
<b>Preferred Credentials and Qualifications</b>	N/A
<b>Eligibility for Certifying Exams (e.g., RD, Prev Med. Boards)</b>	N/A

# Proposed Undergraduate Minor in Nutritional Sciences

Revised 11/19/12

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## Mission

The mission of undergraduate minor in Nutritional Sciences will be:

- To provide undergraduates a foundation of knowledge in the study of nutritional sciences, with a unique focus on the intersection of food, food systems and population health.
- To provide a comprehensive perspective on the field of nutritional sciences including its metabolic/biochemical, behavioral, and public health aspects.
- To examine food and nutrition related policies, practices and environments and their effects on population health and health disparities through the life course.

## Need

*The rates of diet-related non-communicable diseases are rising both in the US and worldwide. Studies of socioeconomic determinants of health point to growing disparities in health and body weight. At the same time, there is increased public and professional interest in sustainable agriculture, nutrition economics, biotechnology, global food marketing, social justice and food policy. These are compelling reasons to increase in the number of nutrition professionals to plan, implement, and evaluate our approach to health, resource and food systems management.*

- Obesity rates continue to increase, especially among disadvantaged groups, yet communities lack professionals to assist in prevention planning and management of obesity and its consequences: diabetes, hypertension and heart disease.
- Communities are advocating for the use of fresh local produce and sustainable agriculture but at the same time segments of these communities struggle with the high cost of fruits and vegetables and the growing gap in health disparities and access to a healthy diet.
- The public is increasingly taking an interest in obesity, wellness, food safety, biotechnology, supplements and the environmental implications of consumption. This has created demand for experts trained in all aspects of evidenced-based nutrition concepts.
- Evidence suggests that food marketing practices aimed at children influence lifelong dietary preferences and may reduce the impact of traditional nutrition education efforts.
- The threats to our food supply from unintentional foodborne illness and bioterrorism require sustained efforts in prevention planning, surveillance, response and recovery.
- The public is bombarded with often misleading or contradictory nutrition messages and would benefit from more professionals with an evidenced-based understanding of sorting facts from fiction.
- Developing countries now deal with both the health and economic burden of under-nutrition (lack of safe food and nutritional deficiencies) and over-nutrition (rapid transition to diets high in fat and sugar with rising rates of obesity and chronic disease).

*There is an unmet need for health and evidenced-based nutrition professionals; as well as consumers with a foundation in nutritional sciences who can translate information for their communities and develop solutions that encompass all aspects of consumption and health.*

The undergraduate minor in Nutritional Sciences will:

- Provide a foundation in the applied science of nutrition that incorporates elements of basic and nutritional science, food systems, disease prevention and public health policy.
- Provide core nutrition and food classes to complement basic science for students majoring in biology, chemistry, pre-med and other pre-professional disciplines.
- Provide coursework to students majoring in liberal arts degrees who are also interested in this burgeoning field but who currently have limited exposure to nutritional sciences.
- Expand opportunities on campus for leadership on the role of nutrition, physical activity, and food systems to attain a critical mass of informed leaders to influence policy development and implementation.

### **Target Student Population**

Future students will be drawn from three core groups:

- 1) Students currently majoring in science-related disciplines who have a strong interest in nutrition.
- 2) Students in liberal arts who wish to broaden their knowledge base through a concentration of courses in nutrition.
- 3) Undergraduate students enrolled in the Public Health Major through the School of Public Health.

Students currently taking the undergraduate nutrition courses come from a wide variety of majors. Given this, the proposed minor is not expected to pull a significant number of students from the undergraduate public health track. The variety of student backgrounds in current nutrition courses is indicative of the broad-based appeal of nutritional sciences coursework.

We anticipate an enrollment of 125 undergraduate students per year, which is consistent with the enrollment at other large higher education programs.

### **Benefits to SPHCM, UW, Washington State**

The Undergraduate Minor in Nutritional Sciences is a key component of the strategic plan for leadership in the growing field of nutrition. It is directly related to the strategic objectives of the School in the areas of obesity, food, and physical activity. The Minor will:

- Meet the growing student interests in nutrition and health as a professional field and community resource.
- Provide necessary discipline-specific courses to complement the offerings in the SPHCM and across campus.
- Reestablish the missing link in transdisciplinary education in health as a science, social phenomenon, and applied profession that was lost in the 1980 when the previous undergraduate program in nutrition was eliminated.
- Complement the consolidation in nutrition education that is planned at Washington State University.

### **Benefits to Students**

Advisors in the Office of Undergraduate Education have reported a high level of interest in nutrition as a minor and the Nutritional Sciences Program and School of Public Health have already received inquiries from students interested in the minor. Based on the electives selected, students can opt to take a concentrated nutritional sciences curriculum or select courses that more broadly examine nutrition related policies, practices and environments and their effects on population health and health disparities. The minor will complement other science degrees, liberal arts degrees, or pre-professional programs. The minor in nutrition is likely to appeal to students in public health and health sciences. The minor also provides a structured curriculum for students from other fields who are interested in nutrition and health and may be considering advanced studies in the field.

## Nutritional Sciences Minor Proposed Catalog Copy:

### Minor

*Minor Requirements:* 25 credits, as follows:

1. NUTR 300, NUTR 302, NUTR 303, NUTR 490.
2. 15 credits of approved electives.
3. Minimum ~~15~~ 13 credits taken from the School of Public Health
4. Minimum 15 credits of upper-division courses.
5. Minimum 15 credits from outside of major requirements.
6. Minimum 15 credits taken in residence at the University of Washington Seattle campus.
7. Minimum 2.00 cumulative GPA for courses presented for the minor.

\*\*\*\*

Approved Elective list for DARS audit:

ANTH 361, ANTH ~~488~~, BIOL ~~240~~, BIO A 465, ~~C-ENV 440~~, ENV H 441, EPI 420, GEOG 271, GEOG 371, GEOG 380, NUTR 405, NUTR 406, NUTR 411, NUTR 441, NUTR ~~445~~446, NUTR 465.

←----- Formatted: Space Before: Auto, After: Auto

*Please note: The course number for NUTR 445 was changed to NUTR 446 when the new course application was approved because 445 was already in use.  
NUTR 465 was added because it is a joint course with Bio A 465 which was already included on the list of electives*



**SCHOOL OF PUBLIC HEALTH**  
**UNIVERSITY of WASHINGTON**

*original  
Draft*

**Summary Information: Minor in Nutritional Sciences**

<b>Contact Information</b>	Adam Drewnowski, adamdrew@uw.edu
<b>Department/Program Title</b>	Nutritional Sciences Program, School of Public Health
<b>Degree</b>	Minor
<b>Brief Program Description</b>	<p>The mission of the undergraduate minor in Nutritional Sciences will be to:</p> <ul style="list-style-type: none"><li>• To provide undergraduates a foundation of knowledge in the study of nutrition science, food systems and food studies and their relation to population health.</li><li>• To provide a multidisciplinary perspective of the food environment, including the interplay of food and nutrition, human behavior, business, culture, and the environment.</li><li>• To examine food and nutrition policies and practices in the US and globally that affect sustainable diets and long-term health.</li></ul>
<b>Application Deadline</b>	
<b># Required Credits – Total</b>	Minor: 25 credits
<b>Required Courses (Include common alternate courses if applicable)</b>	<p><b>Introductory courses (9 credits, minimum grade of 2.0)</b></p> <p>NUTR 300      Nutrition for Today (3)(A) NUTR 302      Food Studies: Harvest to Health (3)(Sp) NUTR 303      Neighborhood Nutrition (3)(W)</p> <p>and</p> <p><b>Perspectives in nutrition (1 credit)</b></p> <p>NUTR 490      Nutrition Seminar - selected topics (1)(W)</p> <p><b>Elective coursework (to total 25 credits, minimum grade of 2.0)</b> Please note that the elective credit requirement may be met by taking courses from either category.</p> <p><b>(Category A) Nutrition &amp; Health</b> The classes in category A provide foundational training in the biological and biomedical aspects of nutrition, physical activity and health. Recommended for students planning to apply for admission to the graduate programs in Nutritional Sciences, including the Graduate Coordinated Program in Dietetics.</p>

	<p>ENV H 441 Food Protection (3) Prerequisite: 2.0 in CHEM 155, 162, 164 or MICROM 302</p> <p>EPI 420 Introduction to Epidemiology (3)</p> <p>NUTR 405 Physical Activity in Health and Disease (3)(Sp) Prerequisite: BIOL 118 or 180.</p> <p>NUTR 406 Sports Nutrition (3). UWEO course.</p> <p>NUTR 411 Survey of Advanced Nutrition (2)(A) Prerequisite: NUTR 300; BIO 200; BIOC 405 &amp; 406  <i>Note: NUTR 411 will be a parallel course with NUTR 511.</i></p> <p>NUTR 441 Molecular Gastronomy: The Science of Food*(3)(S) UWEO course.</p> <p>NUTR 445 Food Safety and Health (3)(W)</p> <p><b>(Category B) Nutrition and food systems</b>  The classes in category B enable students to examine diverse food systems and ways of feeding the population that are healthful, affordable and ecologically sustainable. The social, political and economic disparities in diet quality and nutritional health are also examined, both in the US and globally.</p> <p>ANTH 361 Anthropology of Food (5) Prerequisite: 200 level ANTH</p> <p>ANTH 488 Agroecology (5)</p> <p>BIOL 240 The Urban Farm (3)(Sp)</p> <p>BIO A 465 Nutritional Anthropology (3) Prerequisite: BIO A 201</p> <p>C ENV 110 Introduction to Food and the Environment (5)</p> <p>GEOG 271 Geography of Food and Eating (5)(Sp)</p> <p>GEOG 371 World Hunger (5) Prerequisite: GEOG 230, 330 or 335</p> <p>GEOG 380 Geographical Patterns of Health and Disease (5)</p> <p>* Prerequisite to the Graduate Coordinated Program in Dietetics</p>
<b>Other Academic Requirements</b>	<p>Minimum cumulative 2.0 GPA needed for courses presented for the minor.</p> <p>A minimum of 15 credits applied towards the minor must be completed in residence at the University of Washington.</p> <p>A minimum of 15 credits must be completed in 300 and 400 level courses.</p> <p>60% of the coursework applied to the minor must be taken outside of the student's major requirements. This means these classes may not apply both to the satisfying major requirements and interdisciplinary minor requirements.</p> <p>Students must declare a major and have completed a minimum of 45 credits before declaring a minor.</p>



	Students must have the major advisor sign off on minor declaration paperwork to ensure satisfactory progress requirements are met.
<b>Admissions Requirements and Prerequisites</b>	None
<b>Preferred Credentials and Qualifications</b>	N/A
<b>Eligibility for Certifying Exams (e.g., RD, Prev Med. Boards)</b>	N/A

## Seattle: Minor in Nutritional Sciences (NUTR-20120709)

**uwcr**  
uwcr  
Board owner

*Posted Oct 16, 2012 12:56 PM*

Please review the attached 1503 pdf requesting to establish a minor in Nutritional Sciences at the Seattle campus and post comments by 5:00 pm on Tuesday, November 6th.

If you have any problems viewing the attachment or need disability accommodations, please contact the University Curriculum Office at [uwcr@uw.edu](mailto:uwcr@uw.edu).

Attachments:



NUTR-20120709.pdf 40.4M

**reichard**  
SARAH E.  
REICHARD

*Posted Nov 2, 2012 5:31 PM*

I think a nutrition minor would be very popular. They state the public health need very well.

The proposal is a little confusing. It was not clear to me how Category A and Category B would be used.

Would students have to select one? Would they take two from each category or something like that? Clearly, it is too many credits for a minor to do both but I could not find any description.

A few years ago, a group of faculty came together to develop an IGERT pre-proposal centered around food studies. That proposal was not successful, but the group has maintained their interest in the subject. In 2010 a conference on regional food security was held at the Center for Urban Horticulture, jointly organized between the UW and WSU. Last year several prominent researchers from around the country came to the UW for a series of very popular lectures sponsored by the Program on the Environment.

More recently, the group has widened to talk about an interdisciplinary minor relating to food production and food policies. A charrette is planned for Nov. 14th to brainstorm what that might be. There would likely be some overlap, particularly with the Category B classes, but would likely include other classes too. Because the charrette has not been held, it is hard to say exactly how much overlap there would be. I do not think it would have much overlap with Category A, however.

A campus that values sustainability as much as the UW likely attracts enough students to populate two minors, one more focused on the nutritional and public health aspects of food, and one more focused on food production, processing and policy. It might be good to develop and unveil these together.

Sarah Reichard

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**ruesink**  
JENNIFER RUESINK

*Posted Nov 5, 2012 9:47 AM*  
*Edited Nov 5, 2012 9:48 AM by ruesink*

I have a couple of thoughts to add under a general concern that the Nutritional Sciences minor, as written, extends beyond the bounds of what is necessary to cover the science of food and human health and constrains the development of a truly interdisciplinary effort towards food studies at UW.

None of the category B classes are under the control of the administering department for the minor, and it is not clear to me that nutritional science minors would actually have access to these classes. For the Biology class listed (Bio 240), the case is particularly bleak, because the class does not have permanent funding from the Biology department and is so unlikely to be offered again. Of course, none of the category B classes are actually required in the minor, since electives may be drawn from either category A or category B. However, if no category B classes are required, then it would seem difficult to assure that minors would achieve the three parts of the mission outlined in the brief program description. Specifically, mission 1 ("foundation in... food systems and food studies") and mission 2 ("multidisciplinary perspective on the food environment") both imply broader cross-college collaboration because of relevant courses and perspectives. Such a cross-college conversation has occurred in various bits and pieces over the past few years, but I do not feel that it is at all complete or reflected in this minor in an inclusive way. A solution would be to focus the minor on the required and Category A courses and adjust the language in the mission of the minor accordingly. - Jennifer Ruesink, Biology

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**jparrish**  
JULIA PARRISH

*Posted Yesterday, 10:44 AM*

The proposed minor in Nutritional Sciences is a significant step for the School of Public Health, and particularly for the Nutrition Department.

The Chair, Adam Drewnowski has played a key role in moving this forward, and he clearly has a broad world view that combines nutrition and public health with many other disciplines represented across the UW campus.

In terms of the minor itself, I am slightly unclear how the Category B courses address Nutritional Sciences; they obviously address the broader topic of Food Studies. Thus, there is some potential for students to be confused - is this a minor that concentrates on Nutrition, or is this a Food Studies minor that encompasses disciplines far from Public Health?

As it is also unclear from the documents how students would be able to navigate between the Category A and Category B courses, it seems that a student could take only Category B courses, essentially bypassing Nutrition courses at the upper level for a set of courses offered by other units. I'm not sure this is the intent, but it certainly seems like a distinct possibility.

Larger worries for me are the timing and inclusiveness of this proposal.

Although the Nutrition Department has been very open with the UW "Food Community" about their intent to move forward with undergraduate offerings,

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the actual sit-down dialog between Nutrition faculty and Food Studies faculty from across campus has been nascent, at best. Thus, faculty who have been seminal in starting the UW Farm (the undergraduate farming program currently run out of the Biology Department), or key players in bringing together regional experts in food security, appear not to have been consulted. In fact, the list of self-identified "Food Faculty" across campus goes unreferred to in this proposal.

And this is an issue as these same faculty are meeting in November 2012 to discuss an interdisciplinary minor in Food Studies that would incorporate many more parts of campus, and many more courses, than those listed in the proposed Nutritional Sciences minor. Ideally, the faculty spearheading the Nutritional Sciences minor would work with the larger cross-campus group to develop an integrated set of transcriptable offerings that simultaneously highlighted Nutritional Sciences as well as other disciplines, instead of pursuing this more independent path that would seem to curtail the ability of the larger group to act.

As this is obviously not a race, I would favor slowing the pace to allow everyone to participate.

Julia K. Parrish

Associate Dean, Academic Affairs and Diversity, College of the Environment

[jparrish@u.washington.edu](mailto:jparrish@u.washington.edu)

## Nutritional Sciences Program Responses to Tri-Campus Reviewer's Comments

Three faculty provided comments about the proposal for a unidisciplinary Nutritional Sciences minor during the tri-campus review process. After these review comments were received, Nutritional Sciences faculty and staff attended an interdisciplinary cross-campus charette to plan for an interdisciplinary food systems minor and met twice with Julia Parrish, Associate Dean, College of the Environment. The proposal for a Nutritional Sciences minor has been revised to address reviewers' comments and to position the minor to be complementary to the interdisciplinary food studies minor that will be developed very soon. Given that there is very strong interest in the unidisciplinary Nutritional Sciences minor and that students are already contacting us and registering for courses in anticipation of the minor, the Nutritional Sciences Program would like to proceed with the approval process so that we can get appropriate advisor services established.

The comments fell into six general areas. The table below provides the comments as submitted to the review in each of these areas and provides the Nutritional Sciences responses to each set of comments.

Reviewers' Comments		Nutritional Sciences Responses
<b>I. Positive Comments about the Need for the Minor</b>  I think nutrition minor would be very popular. They state the public health need very well. (SR)  The proposed minor in Nutritional Sciences is a significant step for the School of Public Health, and particularly for the Nutrition Department. (JP)  The Chair, Adam Drewnowski has played a key role in moving this forward, and he clearly has a broad world view that combines nutrition and public health with many other disciplines represented across the UW campus.(JP)		
<b>II. Need for Cross-campus Collaboration in Planning</b>  A few years ago, a group of faculty came together to develop an IGERT pre-proposal centered around food studies. That proposal was not successful, but the group has maintained their interest in the subject. In 2010 a conference on regional food security was held		Representatives from Nutritional Sciences Program (NSP) participated in the Charette on Nov 14 <sup>th</sup> 2012. To assure ongoing collaboration, Donna Johnson, Interim Director of the Nutritional Sciences Program will serve on a committee that was formed at the

## Nutritional Sciences Program Responses to Tri-Campus Reviewer's Comments

<p>at the Center for Urban Horticulture, jointly organized between the UW and WSU. Last year several prominent researchers from around the country came to the UW for a series of very popular lectures sponsored by the Program on the Environment. (SR)</p> <p>More recently, the group has widened to talk about an interdisciplinary minor relating to food production and food policies. A charrette is planned for Nov. 14th to brainstorm what that might be. There would likely be some overlap, particularly with the Category B classes, but would likely include other classes too. Because the charrette has not been held, it is hard to say exactly how much overlap there would be. I do not think it would have much overlap with Category A, however. (SR)</p> <p>Larger worries for me are the timing and inclusiveness of this proposal.</p> <p>Although the Nutrition Department has been very open with the UW "Food Community" about their intent to move forward with undergraduate offerings, the actual sit-down dialog between Nutrition faculty and Food Studies faculty from across campus has been nascent, at best. Thus, faculty who have been seminal in starting the UW Farm (the undergraduate farming program currently run out of the Biology Department), or key players in bringing together regional experts in food security, appear not to have been consulted. In fact, the list of self-identified "Food Faculty" across campus goes unmentioned in this proposal. (JP)</p> <p>And this is an issue as these same faculty are meeting in November 2012 to discuss an interdisciplinary minor in Food Studies that would incorporate many more parts of campus, and many more courses, than those listed in the proposed Nutritional Sciences minor. Ideally, the faculty spearheading the Nutritional Sciences minor would work with the larger cross-campus group to develop an integrated set of transcriptable offerings that simultaneously highlighted Nutritional Sciences as well as other disciplines, instead</p>	<p>meeting to plan for a new interdisciplinary minor in food studies.</p> <p>A collaborative planning process for two complementary minors is now underway. These will be:</p> <ol style="list-style-type: none"> <li>1. An unidisciplinary minor in nutritional sciences with a focus on the intersection between food and health (the current proposal)</li> <li>2. A more broad and comprehensive interdisciplinary minor in food studies (that will be proposed very soon).</li> </ol>
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## Nutritional Sciences Program Responses to Tri-Campus Reviewer's Comments

<p>of pursuing this more independent path that would seem to curtail the ability of the larger group to act.(JP)</p>	
<p><b>III. Coordination/Timing of the Two Minors</b></p> <p>A campus that values sustainability as much as the UW likely attracts enough students to populate two minors, one more focused on the nutritional and public health aspects of food, and one more focused on food production, processing and policy. It might be good to develop and unveil these together. (SR)</p> <p>As this is obviously not a race, I would favor slowing the pace to allow everyone to participate. (JP)</p>	<p>It was clear from the discussion at the charette on 11/14 that while there would be some overlap between the two proposed minors, it would be minimal. As Sarah Reichard predicted in her comment, the Nutritional Sciences minor focuses on the nutrition and public health aspects of food and draws primarily from courses in the School of Public Health. It is also directed at upper level undergrads, as it consists of primarily 300 and 400 level courses. The proposed interdisciplinary food studies minor discussed at the charette would be intended to serve as a gateway allowing students to sample courses across several colleges and a wide range of food studies-related disciplines including the agricultural, ecological, economic, political, and cultural issues surrounding food. The food studies minor would include more entry level (100, 200 level) courses that a student could begin as a freshman - before they have declared a major (which is different from the nutritional sciences minor). The charette attendees proposed a broad range of topics and courses to be included in the interdisciplinary food studies minor with goals such as increasing students' exposure early on and making informed citizens.</p> <p>Following the charette, Donna Johnson met with Julia Parrish and showed her a version of the Nutritional Sciences minor proposal that had been revised in response to the reviewers and the charette discussions. At this meeting it was agreed that the minors should both go forth. Dr. Parrish also agreed that since the interdisciplinary minor was going to be proposed very soon (this winter) and there was already strong student demand for the Nutritional Sciences minor, it made sense to go ahead and establish the Nutritional Sciences minor as soon as possible.</p>

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<p><b>IV. Issues Related to A and B Category Elective Courses</b></p> <p>The proposal is a little confusing. It was not clear to me how Category A and Category B would be used. Would students have to select one? Would they take two from each category or something like that? Clearly, it is too many credits for a minor to do both but I could not find any description. (SR)</p> <p>In terms of the minor itself, I am slightly unclear how the Category B courses address Nutritional Sciences; they obviously address the broader topic of Food Studies. Thus, there is some potential for students to be confused - is this a minor that concentrates on Nutrition, or is this a Food Studies minor that encompasses disciplines far from Public Health? (JP)</p> <p>As it is also unclear from the documents how students would be able to navigate between the Category A and Category B courses, it seems that a student could take only Category B courses, essentially bypassing Nutrition courses at the upper level for a set of courses offered by other units. I'm not sure this is the intent, but it certainly seems like a distinct possibility. (JP)</p>	<p>Category A and Category B elective lists have been grouped into one list of approved electives.</p> <p>Students will be required to complete a minimum of 13 credits toward the minor from the School of Public Health. The courses that count toward this requirement include the four required NUTR courses and the NUTR, EPI, and ENVH H electives (predominantly from the former Category A elective list).</p> <p>Selected electives from other schools/colleges (formerly Category B) remain on the elective list because they address food and nutrition related policies, practices and environments and disparities that affect population health. All electives outside of NUTR have been approved for inclusion by the instructor or departmental curriculum contact.</p>
<p><b>V. Access to Courses</b></p> <p>None of the category B classes are under the control of the administering department for the minor, and it is not clear to me that nutritional science minors would actually have access to these classes. For the Biology class listed (Bio 240), the case is particularly bleak, because the class does not have permanent funding from the Biology department and is so unlikely to be offered again. (JR)</p>	<p>To limit the overlap between the NSP minor and the proposed interdisciplinary foods minor, the following courses have been removed from the possible electives list: Bio 240, C Env 110, Anth 488.</p> <p>Before submitting the minor for Tricampus review, instructors of active classes and/or departmental curriculum contacts were consulted and provided written permission to include their courses</p>



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	<p>on a list of possible electives for the nutritional sciences minor. Copies of these correspondences were included with the documentation submitted for review.</p>
<p><b>VI. Need to Focus the Mission of the Unidisciplinary Nutritional Sciences Minor</b></p> <p>I have a couple of thoughts to add under a general concern that the Nutritional Sciences minor, as written, extends beyond the bounds of what is necessary to cover the science of food and human health and constrains the development of a truly interdisciplinary effort towards food studies at UW. (JR)</p> <p>A solution would be to focus the minor on the required and Category A courses and adjust the language in the mission of the minor accordingly. (JR)</p> <p>However, if no category B classes are required, then it would seem difficult to assure that minors would achieve the three parts of the mission outlined in the brief program description. Specifically, mission 1 ("foundation in... food systems and food studies") and mission 2 ("multidisciplinary perspective on the food environment") both imply broader cross-college collaboration because of relevant courses and perspectives. Such a cross-college conversation has occurred in various bits and pieces over the past few years, but I do not feel that it is at all complete or reflected in this minor in an inclusive way. (JR)</p>	<p>As suggested by the reviewers and discussed with Dr. Parrish, the proposal documents have been revised to emphasize the required nutrition courses and public health electives (formerly Category A courses) with selected nutrition and health related electives from other schools/colleges. The language in the mission of the minor was adjusted accordingly as follows:</p> <p>The mission of the undergraduate minor in Nutritional Sciences is:</p> <ul style="list-style-type: none"> <li>• To provide undergraduates a foundation of knowledge in the study of nutritional sciences, with a unique focus on the intersection of food, food systems and population health.</li> <li>• To provide a comprehensive perspective on the field of nutritional sciences including its metabolic/biochemical, behavioral, and public health aspects.</li> <li>• To examine food and nutrition related policies, practices and environments and their effects on population health and health disparities through the life course.</li> </ul>

**UNIVERSITY CAMPUSES UNDERGRADUATE PROGRAM REVIEW PROCEDURES\*\***

**CHECKLIST**

Title of Proposal: Minor in Nutritional Science (NUTR-20120709)

Proposed by (unit name): Nutritional Sciences

Originating Campus:

  X   UW, Seattle

      UW, Bothell

      UW, Tacoma

**I. Phase I. Developed Proposal Review** (to be completed by Originating Campus' Academic Program Review body)

**A. Review Completed by:** (list name of program review body)

Chaired by:

10/02/12 Date proposal received by originating campus's review body

10/12/12 Date proposal sent to University Registrar

10/16/12 Date proposal posted & email sent to standard notification list

01/11/13 Date of originating campus's curriculum body approval

(Note: this date must be 15 business days or more following date of posting)

**B.   3** Number of comments received. Attach the comments and a summary of the consideration and responses thereof : (1-2 paragraphs)

**II. Phase II. Final Proposal Review** (to be completed by FCTCP)

**A. Review Completed by:**

  X   FCTCP subcommittee

      FCTCP full council

Chaired by: William Erdly

1/16/2013 Date request for review received from University Registrar

2/28/2013 Date of FCTCP report

Note: Delay occurred solely related to communication errors acknowledging receipt of file by FCTCP -- new processes have been implemented to alleviate this issue between the Registrar's Office and the FCTCP.

B. Review (attached)

YES NO

- ☒ ☐ Was notice of proposal posted on UW Website for 15 business days?  
☒ ☐ Was notice of proposal sent to standard mailing list 15 business days in advance of academic program review?  
☒ ☐ Were comments received by academic program review body?  
☒ ☐ Was response to comments appropriate? (explain, if necessary)  
☐ ☒ Was final proposal reviewed by FCTCP within 14 days of receipt?  
☒ ☐ Was there adherence to the University Campuses Undergraduate Program Review Process? (explain, if necessary)

C. Recommendation

- ☒ Forward for final approval  
☐ Forward to Provost because of University issues (Explain)  
☐ Return to campus council because of insufficient review (Explain).

**\*\*Endorsed by Faculty Senate Executive Committee, 1/10/05, modified 1/31/06; These procedures apply to new undergraduate degrees, majors, minors (and certificates) and substantive changes to same**