

New Proposal

Date Submitted: 09/14/21 10:25 am

Viewing: : **Food Science & Human
Nutrition: Clinical and Community
Nutrition, MS**

Last edit: 01/28/22 4:19 pm

Changes proposed by: Rebecca Snook

In Workflow

1. **U Program Review**
2. **1698 Committee Chair**
3. **1698 Head**
4. **KL Committee Chair**
5. **KL Dean**
6. **University Librarian**
7. **Grad_College**
8. **Provost**
9. **Senate EPC**
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DMI

Approval Path

1. 09/14/21 3:55 pm
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 09/15/21 9:19 am
Rebecca Snook
(snook): Approved
for 1698
Committee Chair
3. 09/15/21 4:43 pm
Rebecca Snook
(snook): Approved
for 1698 Head
4. 10/08/21 1:35 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
5. 10/11/21 10:31
am

- Anna Ball (aball):
Rollback to KL
Committee Chair
for KL Dean
6. 10/11/21 2:31 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
7. 10/11/21 3:25 pm
Anna Ball (aball):
Approved for KL
Dean
8. 10/11/21 3:26 pm
John Wilkin
(jpwilkin):
Approved for
University
Librarian
9. 11/10/21 2:46 pm
Allison McKinney
(agrindly):
Approved for
Grad_College
10. 11/10/21 3:22 pm
Kathy Martensen
(kmartens):
Approved for
Provost

Proposal Type

Proposal Type:
Concentration (ex. Dietetics)

Administration Details

Official Program Name	Food Science & Human Nutrition: Clinical and Community Nutrition, MS	
Sponsor College	Agr, Consumer, & Env Sciences	
Sponsor Department	Food Science and Human Nutrition	
Sponsor Name	Yuan-Xiang Pan	
Sponsor Email	yxpan@illinois.edu	
College Contact	Brianna Gregg	College Contact Email

bjgray2@illinois.edu

College Budget Tosha Waller-Mumm
Officer

College Budget wallermu@illinois.edu
Officer Email

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders. *Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.*

Roll back to 1698 Committee Chair role.

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Fall 2022
Term

Provide a brief, concise description (not justification) of your proposal.

Establish a New Master of Science Concentration in Clinical and Community Nutrition
(both on campus and online) in Department of Food Science & Human Nutrition,
College of ACES

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

This proposal is a request to add a concentration to the Food Science & Human
Nutrition, MS (key 492)

Program Justification

Provide a **brief** justification of the program, including highlights of the program objectives, and the careers, occupations, or further educational opportunities for which the program will prepare graduates, when appropriate.

We have several MS options in FSHN – yet this is expected to fill a need that the others will not while offering an online option as well. We have a traditional research-based MS including a MS thesis, with two concentrations – either food science or human nutrition. We also have an online MS in food science and a Professional Science MS (we are working with Natalie Bosecker, PSM Director, to make an online version of the PSM). This proposal is to create a unique MS in clinical and community nutrition that is both on campus or entirely online.

Our target audience is anticipated initially to be those in, or entering, the dietetic profession – as the rules have been changed to require a MS to become a certified registered dietitian. We will use this new curriculum for both online and campus program. There will not be a research requirement/thesis – however, students on campus could do a thesis.

This degree will be one that will be flexible, allowing students to select from courses on lists to make a robust, yet tailored, program. These courses will be courses that we already offer – or are offered by other units on campus. The focus will be somewhat different from our on-campus curricula in that there will be a more dedicated focus to community nutrition and public health.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects impacted by the creation/revision of this program?

Yes

Required courses

CHLH 572 - Principles of Epidemiology

PATH 517 - Principle/Method Epidemiology

Explain how the inclusion or removal of the courses/subjects listed above impacts the offering departments.

Students have 3 Statistic course options to choose from. Most will take FSHN 440 so there will virtually be no impact to the offering departments.

Attach letters of support or acknowledgement from other departments.

Program Regulation and Assessment

Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).

FSHN graduate students undergo a yearly assessment in which we collect an annual report. Each MS program has a slightly different reporting person/set of questions; however, the basics are the same. A faculty member will be responsible for documenting progress and giving comments back to the student. Evaluations (annual reporting) are conducted every year (most recently in Fall term). Through the overall process we have general expectations – as listed below:

A FSHN graduate student:

1. Demonstrates knowledge in at least three areas of expertise (based upon required coursework; see FSHN graduate handbook for areas).
2. Displays effective and relevant written and oral communication skills.
3. Conducts methodical and logical research that addresses key issues in food science and/or human nutrition.
4. Displays professional ethics in scholarly achievements.

We will conduct a final MS examination, which is designed to test knowledge obtained, application of that knowledge and also the oral communication skills of the student. Research will only be evaluated for CCN thesis students. Online students will all be non-thesis.

We will also ask the student to document various scholarly activities in the annual reporting (as above). Feedback will be provided to each student in the form of a written letter annually.

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

For new programs, attach [Food Science & Human Nutrition_Clinical and Community Nutrition.docx](#)
Program of Study

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

department head: Nicki Engeseth

associate head of graduate programs: Michael Miller

overview of admissions & requirements: <https://fshn.illinois.edu/graduate/apply>

overview of grad college admissions & requirements: <https://grad.illinois.edu/admissions/apply>

department website: <https://fshn.illinois.edu/>

department faculty: <https://fshn.illinois.edu/directory/faculty/>

college website: <https://aces.illinois.edu/>

address: 260 Bevier Hall, 905 South Goodwin Avenue, Urbana, IL 61801

phone: (217) 244-4498

email: FSHNGradAdmissions@illinois.edu

Research Areas

In addition to receiving training in the general field of food science or human nutrition, students have the opportunity to conduct research in the following areas of specialization:

Food processing, engineering, and biotechnology

Food ingredients, properties, and interactions

Food microstructures, micro-carriers, and nanotechnology

Food chemistry

Food microbiology and biomass conversion

Food safety and security

Sensory sciences

Dietary quality and food and nutrition patterns for optimal health

Nutrition and disease interactions, including cancer, metabolic disorders, and gastrointestinal health

Nutrition across the life span

Biochemical and molecular nutrition

Clinical nutrition

Community nutrition

For additional information go to fshn.illinois.edu/graduate.

Admission

In addition to meeting the Graduate College admission requirements, it is suggested that a student planning to pursue the MS in Food Science and Human Nutrition with a concentration in Clinical and Community Nutrition should have completed the equivalent of the following prerequisites:

- General Chemistry and Laboratories I & II (CHEM 102, 103, 104, 105)
- Organic Chemistry and Laboratory (CHEM 232 and 233)
- Introductory Statistics (STAT 100)
- Introductory Nutrition (FSHN 120 or 220)
- Diet and Disease or Medical Nutrition Therapy (FSHN 420)1
- Introductory Biochemistry (MCB 450) or Nutritional Biochemistry (FSHN 426 and 427)1
- Community Nutrition (FSHN 428)
- Human Anatomy & Physiology I & II (MCB 244 and 246) or Nutritional Physiology (FSHN 595)

Students can take up to 12 graduate credit hours as a non-degree student and have these credits transferred towards their MS degree requirements if they receive a grade of a B or higher in the course. The courses must be at the 400 or 500-level to count towards a graduate degree.

Graduate Record Examination (GRE) scores are required of all applicants, and those whose native language is not English are required to submit the results of the TOEFL or IELTS as evidence of English proficiency. Minimum TOEFL and IELTS scores can be found at grad.illinois.edu/admissions/instructions/04c. Students can be admitted to start in fall, spring, or summer semesters.

For more information about the admissions process go to fshn.illinois.edu/graduate/applying.

Internship in Dietetics

The Department of Food Science and Human Nutrition offers a dietetic internship for master's and doctoral students specializing in human nutrition. Completion of the degree and the internship qualifies the student to take the Academy of Nutrition and Dietetics registration examination administered by the Commission on Dietetic Registration. For information on our dietetic internship program please contact Ms. Jessica Madson (jamadson@illinois.edu).

Statement for Programs of Study Catalog

This degree program can be completed with or without a thesis.

Grad Other Degree Requirements	
Requirement	Description
Minimum Hours Required for an MS degree	32
Minimum 500-level Hours Required Overall	12
Maximum 6 credit hours of FSHN 599 applied toward degree requirements	Thesis only
Additional courses may be required beyond the concentration minimum per Advisory Committee recommendation	

Requirement	Description
Oral Final Exam	Non-Thesis Only
Final Exam/Thesis Defense Required	Thesis Only
Thesis Deposit Required	Thesis Only
Minimum GPA:	3.0

Course List

Code	Title	Hours
Thesis Option (on campus program)		
Concentration in Clinical and Community Nutrition 1,2		
24 hours minimum must be letter-graded coursework out of the 32 total hours required		
Required Courses:		18
FSHN 599	Thesis Research (maximum 6 hours counted toward degree)	6
FSHN 510	Topics in Nutrition Research (Science Translation)	2
FSHN 521	Molecular Basis of Metabolic Syndrome and Weight Management (prereq FSHN 420) 3	2
FSHN 595	Advanced Topics in Food Science and Human Nutrition (Advanced Diabetes Managment) 3	3
FSHN 595	Advanced Topics in Food Science and Human Nutrition (Nutritional Epidemiology Journal Club)	1
FSHN 597	Graduate Seminar (or equivalent) 4	0
or NUTR 500	Nutritional Sciences Seminar	
Choose one of the following statistics courses 5		4
FSHN 440	Applied Statistical Methods I	
CHLH 572	Principles of Epidemiology	
PATH 517	Principle/Method Epidemiology	
Elective Courses:		14
FSHN 417	Neuroscience of Eating & Drinking	4
FSHN 421	Pediatric Clinical Nutrition	3
FSHN 422	Introduction to Personalized Nutrition	3
FSHN 424	Biopsychology of Ingestive Behavior	3
FSHN 429	Nutrition Assessment & Therapy	3
FSHN 453	Nutrition for Performance	4
FSHN 459	Nutrition Focused Physical Assessment	2
FSHN 465	Principles of Food Technology	3
FSHN 480	Basic Toxicology	3
FSHN 499	Cur Topics in FS & Human Nutr (Nexus of Food)	3
FSHN 510	Topics in Nutrition Research	3
FSHN 522	Function and Metabolism of Essential Fatty Acids and Cholesterol	1
FSHN 527	Advanced Vitamins and Minerals: Regulations of Metabolism	3
FSHN 580	Ethics in Research, IRB and IACUC	3
FSHN 590	Dietetic Internship I	10
& FSHN 591	and Dietetic Internship II 6,7	
FSHN 595	Advanced Topics in Food Science and Human Nutrition	1 to 4
CHLH 409	Women's Health	3

Code	Title	Hours
CHLH 415	International Health	3 or 4
CHLH 421	Health Data Analysis	3 or 4
CHLH 448	Exercise & Health Psychology	3 or 4
CHLH 470	Technology, Health, and Aging	3 or 4
CHLH 540	Health Behavior: Theory	4
CHLH 572	Principles of Epidemiology	4
CHLH 573	Biostatistics in Public Health	4
CHLH 575	Chronic Disease Prevention	4
CHLH 579	Cultural Competence in Public Health	4
Total Minimum Hours		32

Course List

Code	Title	Hours
Non-thesis Option (On campus or Online)		
Concentration in Clinical and Community Nutrition 1,2		
24 hours minimum must be letter-graded coursework out of the 32 total hours required		
Required Courses:		12
FSHN 510	Topics in Nutrition Research (Science Translation)	2
FSHN 521	Molecular Basis of Metabolic Syndrome and Weight Management (prereq FSHN 420) 3	2
FSHN 595	Advanced Topics in Food Science and Human Nutrition (Advanced Diabetes Managment) 3	3
FSHN 595	Advanced Topics in Food Science and Human Nutrition (Nutritional Epidemiology Journal Club)	1
FSHN 597	Graduate Seminar (or equivalent) 4	0
or NUTR 500	Nutritional Sciences Seminar	
Choose one of the following statistics courses 5		4
FSHN 440	Applied Statistical Methods I	
CHLH 572	Principles of Epidemiology	
PATH 517	Principle/Method Epidemiology	
Elective Courses:		20
FSHN 417	Neuroscience of Eating & Drinking	4
FSHN 421	Pediatric Clinical Nutrition	3
FSHN 422	Introduction to Personalized Nutrition	3
FSHN 424	Biopsychology of Ingestive Behavior	3
FSHN 429	Nutrition Assessment & Therapy	3
FSHN 453	Nutrition for Performance	4
FSHN 459	Nutrition Focused Physical Assessment	2
FSHN 465	Principles of Food Technology	3
FSHN 480	Basic Toxicology	3
FSHN 499	Cur Topics in FS & Human Nutr (Nexus of Food)	3
FSHN 510	Topics in Nutrition Research	3

Code	Title	Hours
<u>FSHN 522</u>	Function and Metabolism of Essential Fatty Acids and Cholesterol	1
<u>FSHN 527</u>	Advanced Vitamins and Minerals: Regulations of Metabolism	3
<u>FSHN 580</u>	Ethics in Research, IRB and IACUC	3
<u>FSHN 590</u>	Dietetic Internship I	10
<u>& FSHN 591</u>	and Dietetic Internship II 6,7	
<u>FSHN 595</u>	Advanced Topics in Food Science and Human Nutrition	1 to 4
<u>CHLH 409</u>	Women's Health	3
<u>CHLH 415</u>	International Health	3 or 4
<u>CHLH 421</u>	Health Data Analysis	3 or 4
<u>CHLH 448</u>	Exercise & Health Psychology	3 or 4
<u>CHLH 470</u>	Technology, Health, and Aging	3 or 4
<u>CHLH 540</u>	Health Behavior: Theory	4
<u>CHLH 572</u>	Principles of Epidemiology	4
<u>CHLH 573</u>	Biostatistics in Public Health	4
<u>CHLH 575</u>	Chronic Disease Prevention	4
<u>CHLH 579</u>	Cultural Competence in Public Health	4
Total Minimum Hours		32

1

Students can take up to 12 credit hours as a non-degree student and have these credits transferred towards their MS degree requirements if they receive a grade of a B or higher.

2

The degree requires at least 12 hours of 500- level course work, and at least 8 of these 12 hours must be in the major field for graduation. Students are encouraged to take new courses, rather than retake required courses they have already taken. If you have already taken a required course at the University of Illinois, it is highly recommended that you do not retake it. No petition is required. If you have taken a very similar course at another university, you are strongly encouraged to petition for acceptance of that course in lieu of the required course. Courses should be selected to expand and strengthen your knowledge in core and related disciplines, and/or to increase your research capabilities. Retaking a course does not meet that objective. For additional advice on this topic, contact your advisor.

3

A course in Diet and Disease or Medical Nutrition Therapy (FSHN 420) is a required pre-requisite before taking FSHN 521 Metabolic Syndrome and Weight Management and FSHN 595 Advanced Diabetes Management.

4

Students are required to enroll in another seminar course if they have a conflict that precludes their enrollment in FSHN 597 or NUTR 500. The seminar course may be offered by another department. 12 hours of documented continuing education units from webinars and other forms of continuing education in clinical and community nutrition in one semester may count as one semester of FSHN 597, for additional advice, contact your advisor.

5

May take 400, 500 level courses not listed here including CHLH, HDFS, KIN and MCB or in other departments, for additional advice, contact your advisor.

6

To apply for a Dietetic Internship (FSHN 590 and FSHN 591), a verification statement from an approved/accredited Didactic Program in Dietetics is required.

7

A maximum of 8 internship credit hours can be used toward the 32 credit hour requirement.

Program Relationships

Corresponding

Program(s):

Corresponding Program(s)
Food Science and Human Nutrition, MS (on campus & online)

Program Features

Academic Level Graduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

Yes

Describe the plans for seeking specialized accreditation:

This program will be one of our MS programs that is reviewed once every 10 years by ACEND – to make sure that the dietetic students in the program are being presented with an education that meets their standards and covers all of the competencies. We have recently undergone this review so we will be assessed again in approximately 2028.

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

Delivery Method

This program is
available:

On Campus and Online - 2 program types. Students can receive the entire program either on campus or online. Students can choose to take courses in either modality.

Describe the use of this delivery method:

The online selection is intended for professionals who work full time and perhaps travel often. We will do this asynchronously using a variety of delivery systems, primarily through compass using Zoom, etc. Instructors will be using what works best for their course – so there will be some variation. Many of our FSHN faculty have participated in the campus Online Teaching Academy and are aware of the options.

There will also be an equivalent on-campus, in person option.

Enrollment

Number of Students in Program (estimate)

Year One Estimate

20

5th Year Estimate (or when
fully implemented)

100

Budget

Will the program or revision require staffing (faculty, advisors, etc.)
beyond what is currently available?

Yes

Please
explain/describe:

This effort will not require additional instructors beyond what is currently available; however, we intend to hire a temporary director of the program (part-time, specialized function) to get the program started and to build some courses into the pipeline. Once the program develops we will plan to make that directorship a full-time position with additional teaching.

Additional Budget
Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

The temporary director of the program will be funded through Gift funds. There will not be any additional financial resources needed to support the program beyond that.

Will the unit need to seek campus or other external resources?

No

Attach letters of
support

Is this program requesting self-supporting status?

No

Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?

No

Technology

Will the program need additional technology beyond what is currently available for the unit?

No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?

No

Resources

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.

We anticipate that this new concentration will generate increased numbers of students in our graduate nutrition courses – yet, we have no problem making accommodations. Our faculty are prepared to teach these courses both online and face to face, thus, we have the flexibility to accommodate additional students. We are currently teaching all of these FSHN courses and we do not expect any major changes in teaching loads. Our main need for this program is a director of the online program in Clinical and Community Nutrition. Initially this will be a part-time specialized faculty position – paid from gift funding. Once the program is established it will be expected to generate sufficient revenue to invest in this director position. This director will be a person who has an advanced degree as well as being a Registered Dietitian. Thus, once the program is initiated this person will also be involved in teaching. We will continue to assess the program to be sure that we have optimal instruction and strong meeting of our student learning objectives. The Director will also be responsible for overseeing the admission of online MS students in this concentration, and the advising of these online students. The on campus students will be admitted as all of our traditional graduate students are, by finding an academic advisor to support them. Advisors/director will be active in directing these students to their appropriate career path, including professional school (med school, etc) and the dietetic internships (we have one that they may apply to; they will also be allowed to match in the ICAS program for dietetics). UIUC dietetics program is very successful; these students will have great advising and career options.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

Current library resources, including collections and services, are sufficient to address the needs of this new concentration request.

EP Documentation

EP Control Number	EP.22.059
Attach Rollback/Approval Notices	EP22059_email to sponsor_and sponsor response_20220128.pdf ep22059_letter of support from Kinesiology_20220128.pdf
This proposal requires HLC inquiry	Yes

DMI Documentation

Attach Final
Approval Notices
Banner/Codebook

Name

Program Code:

Minor
Code

Conc
Code

Degree
Code

Major
Code

Senate Approval
Date

Senate
Conference
Approval Date

BOT Approval
Date

IBHE Approval
Date

HLC Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer Comments **Anna Ball (aball) (10/11/21 10:31 am):** Rollback: Rollback for edits per Brianna Gregg

OVERVIEW TAB IN ACADEMIC CATALOG

department head: Nicki Engeseth

associate head of graduate programs: Michael Miller

overview of admissions & requirements: <https://fshn.illinois.edu/graduate/apply>

overview of grad college admissions & requirements:

<https://grad.illinois.edu/admissions/apply>

department website: <https://fshn.illinois.edu/>

department faculty: <https://fshn.illinois.edu/directory/faculty/>

college website: <https://aces.illinois.edu/>

address: 260 Bevier Hall, 905 South Goodwin Avenue, Urbana, IL 61801

phone: (217) 244-4498

email: FSHNGradAdmissions@illinois.edu

Research Areas

In addition to receiving training in the general field of food science or human nutrition, students have the opportunity to conduct research in the following areas of specialization:

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Food microstructures, micro-carriers, and nanotechnology

Food chemistry

Food microbiology and biomass conversion

Food safety and security

Sensory sciences

Dietary quality and food and nutrition patterns for optimal health

Nutrition and disease interactions, including cancer, metabolic disorders, and gastrointestinal health

Nutrition across the life span

Biochemical and molecular nutrition

Clinical nutrition

Community nutrition

For additional information go to fshn.illinois.edu/graduate.

Admission

In addition to meeting the Graduate College admission requirements, it is suggested that a student planning to pursue the MS in Food Science and Human Nutrition with a concentration in Clinical and Community Nutrition should have completed the equivalent of

the following prerequisites:

The FSHN 400/500 level classes can be taken upon admission to the program.

- General Chemistry and Laboratories I & II (CHEM 102, 103, 104, 105)
- Organic Chemistry and Laboratory (CHEM 232 and 233)
- Introductory Statistics (STAT 100)
- Introductory Nutrition (FSHN 120 or 220)
- Diet and Disease or Medical Nutrition Therapy (FSHN 420)¹
- Introductory Biochemistry (MCB 450) or Nutritional Biochemistry (FSHN 426 and 427)¹
- Community Nutrition (FSHN 428)
- Human Anatomy & Physiology I & II (MCB 244 and 246) or Nutritional Physiology (FSHN 595)

Students can take up to 12 graduate credit hours as a non-degree student and have these credits transferred towards their MS degree requirements if they receive a grade of a B or higher in the course. The courses must be at the 400 or 500-level to count towards a graduate degree.

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Internship in Dietetics

The Department of Food Science and Human Nutrition offers a dietetic internship for master's and doctoral students specializing in human nutrition. Completion of the degree and the internship qualifies the student to take the Academy of Nutrition and Dietetics registration examination administered by the Commission on Dietetic Registration. For information on our dietetic internship program please contact Ms. Jessica Madson (jamadson@illinois.edu).

DEGREE REQUIREMENT TAB IN ACADEMIC CATALOG

This degree program can be completed with or without a thesis.

Grad Other Degree Requirements	
Requirement	Description
Minimum Hours Required for an MS degree	32
Minimum 500-level Hours Required Overall	12
Maximum 6 credit hours of FSHN 599 applied toward degree requirements	Thesis only
Additional courses may be required beyond the concentration minimum per Advisory Committee recommendation	
Oral Final Exam	Non-Thesis Only
Final Exam/Thesis Defense Required	Thesis Only
Thesis Deposit Required	Thesis Only
Minimum GPA:	3.0

Course List		
Code	Title	Hours
Thesis Option (on campus program)		
Concentration in Clinical and Community Nutrition ^{1,2}		
24 hours minimum must be letter-graded coursework out of the 32 total hours required		
Required Courses:		18
FSHN 599	Thesis Research (maximum 6 hours counted toward degree)	6
FSHN 510	Topics in Nutrition Research (Science Translation)	2
FSHN 521	Molecular Basis of Metabolic Syndrome and Weight Management (prereq FSHN 420) ³	2
FSHN 595	Advanced Topics in Food Science and Human Nutrition (Advanced Diabetes Management) ³	3
FSHN 595	Advanced Topics in Food Science and Human Nutrition (Nutritional Epidemiology Journal Club)	1
FSHN 597	Graduate Seminar (or equivalent) ⁴	0
or NUTR 500	Nutritional Sciences Seminar	
Choose one of the following statistics courses ⁵		4
FSHN 440	Applied Statistical Methods I	
CHLH 572	Principles of Epidemiology	
PATH 517	Principle/Method Epidemiology	
Elective Courses:		14
FSHN 417	Neuroscience of Eating & Drinking	4
FSHN 421	Pediatric Clinical Nutrition	3

Course List		
Code	Title	Hours
<u>FSHN 422</u>	Introduction to Personalized Nutrition	3
<u>FSHN 424</u>	Biopsychology of Ingestive Behavior	3
<u>FSHN 429</u>	Nutrition Assessment & Therapy	3
<u>FSHN 453</u>	Nutrition for Performance	4
<u>FSHN 459</u>	Nutrition Focused Physical Assessment	2
<u>FSHN 465</u>	Principles of Food Technology	3
<u>FSHN 480</u>	Basic Toxicology	3
<u>FSHN 499</u>	Cur Topics in FS & Human Nutr (Nexus of Food)	3
<u>FSHN 510</u>	Topics in Nutrition Research	3
<u>FSHN 522</u>	Function and Metabolism of Essential Fatty Acids and Cholesterol	1
<u>FSHN 527</u>	Advanced Vitamins and Minerals: Regulations of Metabolism	3
<u>FSHN 580</u>	Ethics in Research, IRB and IACUC	3
<u>FSHN 590</u> & <u>FSHN 591</u>	Dietetic Internship I and Dietetic Internship II ^{6,7}	10
<u>FSHN 595</u>	Advanced Topics in Food Science and Human Nutrition	1 to 4
<u>CHLH 409</u>	Women's Health	3
<u>CHLH 415</u>	International Health	3 or 4
<u>CHLH 421</u>	Health Data Analysis	3 or 4
<u>CHLH 448</u>	Exercise & Health Psychology	3 or 4
<u>CHLH 470</u>	Technology, Health, and Aging	3 or 4
<u>CHLH 540</u>	Health Behavior: Theory	4
<u>CHLH 572</u>	Principles of Epidemiology	4
<u>CHLH 573</u>	Biostatistics in Public Health	4
<u>CHLH 575</u>	Chronic Disease Prevention	4
<u>CHLH 579</u>	Cultural Competence in Public Health	4
Total Minimum Hours		32

Course List		
Code	Title	Hours
Non-thesis Option (On campus or Online)		
Concentration in Clinical and Community Nutrition ^{1,2}		
24 hours minimum must be letter-graded coursework out of the 32 total hours required		
Required Courses:		12

Course List		
Code	Title	Hours
<u>FSHN 510</u>	Topics in Nutrition Research (Science Translation)	2
<u>FSHN 521</u>	Molecular Basis of Metabolic Syndrome and Weight Management (prereq <u>FSHN 420</u>) ³	2
<u>FSHN 595</u>	Advanced Topics in Food Science and Human Nutrition (Advanced Diabetes Managment) ³	3
<u>FSHN 595</u>	Advanced Topics in Food Science and Human Nutrition (Nutritional Epidemiology Journal Club)	1
<u>FSHN 597</u>	Graduate Seminar (or equivalent) ⁴	0
or <u>NUTR 500</u>	Nutritional Sciences Seminar	
Choose one of the following statistics courses ⁵		4
<u>FSHN 440</u>	Applied Statistical Methods I	
<u>CHLH 572</u>	Principles of Epidemiology	
<u>PATH 517</u>	Principle/Method Epidemiology	
Elective Courses:		20
<u>FSHN 417</u>	Neuroscience of Eating & Drinking	4
<u>FSHN 421</u>	Pediatric Clinical Nutrition	3
<u>FSHN 422</u>	Introduction to Personalized Nutrition	3
<u>FSHN 424</u>	Biopsychology of Ingestive Behavior	3
<u>FSHN 429</u>	Nutrition Assessment & Therapy	3
<u>FSHN 453</u>	Nutrition for Performance	4
<u>FSHN 459</u>	Nutrition Focused Physical Assessment	2
<u>FSHN 465</u>	Principles of Food Technology	3
<u>FSHN 480</u>	Basic Toxicology	3
<u>FSHN 499</u>	Cur Topics in FS & Human Nutr (Nexus of Food)	3
<u>FSHN 510</u>	Topics in Nutrition Research	3
<u>FSHN 522</u>	Function and Metabolism of Essential Fatty Acids and Cholesterol	1
<u>FSHN 527</u>	Advanced Vitamins and Minerals: Regulations of Metabolism	3
<u>FSHN 580</u>	Ethics in Research, IRB and IACUC	3
<u>FSHN 590</u> & <u>FSHN 591</u>	Dietetic Internship I and Dietetic Internship II ^{6,7}	10
<u>FSHN 595</u>	Advanced Topics in Food Science and Human Nutrition	1 to 4
<u>CHLH 409</u>	Women's Health	3
<u>CHLH 415</u>	International Health	3 or 4
<u>CHLH 421</u>	Health Data Analysis	3 or 4
<u>CHLH 448</u>	Exercise & Health Psychology	3 or 4
<u>CHLH 470</u>	Technology, Health, and Aging	3 or 4
<u>CHLH 540</u>	Health Behavior: Theory	4

Course List		
Code	Title	Hours
<u>CHLH 572</u>	Principles of Epidemiology	4
<u>CHLH 573</u>	Biostatistics in Public Health	4
<u>CHLH 575</u>	Chronic Disease Prevention	4
<u>CHLH 579</u>	Cultural Competence in Public Health	4
Total Minimum Hours		32

¹ Students can take up to 12 credit hours as a non-degree student and have these credits transferred towards their MS degree requirements if they receive a grade of a B or higher.

² The degree requires at least 12 hours of 500- level course work, and at least 8 of these 12 hours must be in the major field for graduation. Students are encouraged to take new courses, rather than retake required courses they have already taken. If you have already taken a required course at the University of Illinois, it is highly recommended that you do not retake it. No petition is required. If you have taken a very similar course at another university, you are strongly encouraged to petition for acceptance of that course in lieu of the required course. Courses should be selected to expand and strengthen your knowledge in core and related disciplines, and/or to increase your research capabilities. Retaking a course does not meet that objective. For additional advice on this topic, contact your advisor.

³ A course in Diet and Disease or Medical Nutrition Therapy (FSHN 420) is a required pre-requisite before taking FSHN 521 Metabolic Syndrome and Weight Management and FSHN 595 Advanced Diabetes Management.

⁴ Students are required to enroll in another seminar course if they have a conflict that precludes their enrollment in FSHN 597 or NUTR 500. The seminar course may be offered by another department. 12 hours of documented continuing education units from webinars and other forms of continuing education in clinical and community nutrition in one semester may count as one semester of FSHN 597, for additional advice, contact your advisor.

⁵ May take 400, 500 level courses not listed here including CHLH, HDFS, KIN and MCB or in other departments, for additional advice, contact your advisor.

⁶ To apply for a Dietetic Internship (FSHN 590 and FSHN 591), a verification statement from an approved/accredited Didactic Program in Dietetics is required.

⁷ A maximum of 8 internship credit hours can be used toward the 32 credit hour requirement.

Pan, Yuan-Xiang

From: Graber, Kim C
Sent: Monday, December 6, 2021 9:25 PM
To: Engeseth, Nicki
Cc: Pan, Yuan-Xiang
Subject: RE: need email of support for new graduate concentration

The Department of Kinesiology and Community Health supports your request to allow students into courses for your new Clinical and Community Nutrition graduate concentration. Students who are pursuing the MS degree to become Registered Dietitians are also welcome to enroll.

If you have a sense of how many might be interested in these courses, we can reserve a few seats for your students.

Please let me know if you need additional information.

Kim

Kim C. Graber, Ed.D.
Professor and Interim Department Head
Department of Kinesiology and Community Health
University of Illinois
Freer Hall, 906 S. Goodwin Avenue
Urbana, IL 61801
(217) 333-2697 (office)
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National Academy of Kinesiology Fellow #526
<https://ahs.illinois.edu/kinesiology>



Under the Illinois Freedom of Information Act any written communication to or from university employees regarding university business is a public record and may be subject to public disclosure.

From: Engeseth, Nicki <engeseth@illinois.edu>
Sent: Thursday, December 02, 2021 12:37 PM
To: Graber, Kim C <kgraber@illinois.edu>
Cc: Pan, Yuan-Xiang <yxpan@illinois.edu>
Subject: need email of support for new graduate concentration

Dear Professor Graber,

The Department of Food Science & Human Nutrition (FSHN) is proposing a new graduate concentration, which is titled – clinical and community nutrition. I have attached the curriculum to this email. As you can see – we have some CHLH courses as electives. This concentration will be one of our FSHN graduate options – together with Food Science, Human Nutrition and Professional Science Masters. We do not anticipate large numbers of students entering your courses as a result of these electives – we are not dramatically increasing our

graduate population – but giving another option for certain students who are more clinically focused. This will also serve as a mechanism for our dietetics students to pursue a MS degree (non-thesis) that is going to be required for them to become Registered Dietitians.

We were asked to get a letter of support from Kinesiology and Community Health for this proposed concentration. We simply need an email support message in response to this email. I have also copied Dr. Pan on this message as he is our FSHN C&C chair and thus assisting with the process.

The Senate Ed Policy Committee asked for the indication of support – and they meet early next week – so if we could get a response fairly quickly that would be ideal.

If you have any questions, please let us know.

Sincerely,

Nicki Engeseth

Nicki J. Engeseth, Ph.D. | Professor and Head

Department of Food Science & Human Nutrition | University of Illinois

260 A Bevier Hall, 905 S. Goodwin, Urbana, IL 61801

Phone: (217)244-6788

Hi Jennie,

Thanks for reaching out to me. I apologize for the delayed response. I'm still trying to recover from a severe Covid infection and everything is in slow motion.

I did go through your email the other day, and my responses are in the email below.

I don't feel like we need the proposals to be rolled back to our department unless you see it is necessary.

Let me know if you have any additional questions and I'm more than happy to attend your meeting next week, January 31 at 1:10, to help answer any questions.

See you soon,

Pan

Yuan-Xiang Pan, MS, PhD, Associate Professor
Associate Head for Undergraduate Programs
Departmental Honors Advisor
Nutrient-gene and Epigenetics Group (NEG)
Genomics: Behavior, Economics and Policy Group (GenBEP)
Food Science and Human Nutrition (FSHN),
Division of Nutritional Sciences (DNS),
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<https://nutrsci.illinois.edu/directory/yxpan>
<https://www.informatics.illinois.edu/display/infophd/Home>



ASN
EST. 1928

From: Pahre, Jennie <jpahre@illinois.edu>

Sent: Friday, January 28, 2022 12:55 PM

To: Pan, Yuan-Xiang <yxpan@illinois.edu>

Cc: Martensen, Kathy <kmartens@illinois.edu>; Moorhouse, Linda <moorhouz@illinois.edu>;
Lehman, Barbara J <bjlehman@illinois.edu>

Subject: Re: Curriculum Proposals for Educational Policy Committee

Dear Dr. Pan,

I hope that your week is wrapping up well. The first weeks of a new semester are always fiendish.

I'm anxious to be of use to you and to your department. I'd like to help get the concentration/major restructuring and the new degrees proposed by the Department of Food Science & Human Nutrition implemented. Please let me know if there's someone you'd like me to talk with.

In the meantime, I'm going to suggest that we roll the proposals back to your department so that the items noted below can be addressed. Again, the changes should be easily accomplished, and I am happy to work with whomever you wish.

With thanks.

Jennie

JENNIFER N. PAHRE

Teaching Associate Professor and Director of Undergraduate Studies

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From: Pahre, Jennie <jpahre@illinois.edu>

Sent: Monday, January 24, 2022 8:18 PM

To: Pan, Yuan-Xiang <yxpan@illinois.edu>

Cc: Martensen, Kathy <kmartens@illinois.edu>; Moorhouse, Linda <moorhouz@illinois.edu>;

Lehman, Barbara J <bjlehman@illinois.edu>

Subject: Curriculum Proposals for Educational Policy Committee

Dear Dr. Pan,

I hope that the semester is off to a good start.

The collection of Educational Policy Proposals that you are sponsoring on behalf of the Department of Food Science and Human Nutrition have all come to subcommittee A of the Senate Educational Policy Committee. You'll recall that I'm the chair of this subcommittee, and that we had the opportunity to chat at some length last year.

First, I think you've done a hero's job of creating the documents needed to support the retooling of the curriculum of the Department of Food Science and Human Nutrition – what a huge endeavor! There is wisdom in offering several tailored majors instead of concentrations in one major, and in promoting the new MS Concentration in Clinical and Community Nutrition.

The materials are largely in order; there are just a few things that should be done to make sure of smooth sailing. Some of the new programs are to begin in the coming fall, and I'd like to help you move the proposals through the Senate Educational Policy Committee so that they can get final approval from the Senate and Board of Trustees in good time for fall 2022.

Here are the comments of the subcommittee.

First, the comments about the new MS Concentration:

EP 22.059 – to establish a new MS Concentration in Clinical and Community Nutrition (both on campus and online). We need clarification on just two things. First, is there a letter of support from Kinesiology and Community Health? An email would be just fine. Second -- we wonder if the on-campus students can take any online classes (it would be fine either way, but we can't tell what is planned.)

Answers: letter of support from Kinesiology attached.

On-campus students can take any online classes.

Second, the comments about the deactivation of the BS in Food Science and Human Nutrition (because FSHN is changing the concentrations to individual majors, and eliminating the overarching BS):

EP 22.069 – Proposal to Deactivate the BS in Food Science & Human Nutrition. We have just one question here, but it's important: what will happen to the students that are currently completing the concentrations-- how will they be managed? (We assume that there's a collection of such students-- it would be good to know how many.)

Answers: The students that are currently completing the concentrations will have the option to finish their degree with the concentration or to move to the new BS. This statement is included in the deactivation proposal for each concentration.

Third, the comments about the change from concentration to degree for each identified area:

Re: Hospitality Management:

EP 22.022 – Proposal to Establish a New BS in Hospitality Management AND

EP 22.073 – Proposal to Phasedown the Concentration in Hospitality Management

This pair of proposals is in good order, with a collection of letters from coordinating units offering support for the change from concentrations to degrees. Although these letters are only appended here, I am "counting" them for all the concentration-to-major changes, as that is how they are written.

Re: Food Science:

EP 22.035 – Proposal to Establish a New BS in Food Science AND

EP 22.072 – Proposal to Phasedown the Existing Concentration in Food Science AND

EP 22.074 – The BS in Food Science (Key 1101) will Replace the Food Science and Human Nutrition BS (Key 81) and the Food Science Concentration (key 646). This last proposal seems to be duplicative of EP 22.035 (and although it's listed as a phasedown, it's also proposing the BS in Food Science). We note here that in the "Program of Study" section, the prescribed courses are different in the table and the associated Word doc. For example, in the table, there are 53-54 hours of major required courses and a total minimum of 126 hours. In the Word doc, there are 55-56 hours of major required courses and a total minimum of 130 hours. These need to be consistent.

Answers: We apologize for the confusion. The proposal is correct after the meeting with our college C&C committee. However, the attached word file was the older version which should have been replaced by the new one (attached in this email).

Re: Dietetics and Nutrition:

EP 22.075 – Proposal to Establish a New BS in Dietetics and Nutrition AND

EP 22.071 – Proposal to Phasedown the Existing Concentration in Dietetics and Human Nutrition

Here, we note only two things. First, TSM 311 is listed as an elective, but does not appear to exist. And second, when we add the total number of courses required in the given table, we only get to 119 credits, as opposed to the 126 listed.

Answers: TSM 311 has been part of the curriculum of TSM - Technical Systems Management for many years: <http://catalog.illinois.edu/courses-of-instruction/tsm/>

Spring 2022:
<https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/TSM;>

Spring 2021: <https://courses.illinois.edu/schedule/2021/spring/TSM;>

Spring 2020: <https://courses.illinois.edu/schedule/2020/spring/TSM;>

Spring 2019: <https://courses.illinois.edu/schedule/2019/spring/TSM;>

Spring 2018: <https://courses.illinois.edu/schedule/2018/spring/TSM;>

Spring 2017: <https://courses.illinois.edu/schedule/2017/spring/TSM;>

Spring 2016: <https://courses.illinois.edu/schedule/2016/spring/TSM;>

Spring 2015: [https://courses.illinois.edu/schedule/2015/spring/TSM](https://courses.illinois.edu/schedule/2015/spring/TSM;)

So maybe I'm missing something here?

For the total number of courses required, we apologize for the confusion. The proposal is correct after the meeting with our college C&C committee. However, the attached word file was the older version which should have been replaced by the new one (attached in this email)

I also attached the new version word file for Nutrition and Health major in case that one is also an older version.

Please let me know if our subcommittee has misread something, misinterpreted something, or missed something entirely. We are trying to make sure that your programs launch without any difficulties. If you could respond to these questions, that would be excellent. If you'd like to make changes to the proposals (such as correcting the tables), we can have them rolled back to you. Again – I think that these are very minor details that we ought to be able to address very quickly.

Finally: would you be able to attend our next Educational Policy Committee Meeting, this coming Monday, January 31 at 1:10? If any new questions arise, you could address them then. Having sponsors attend can be quite helpful.

I will be happy to attend your meeting next week.

Kind regards,

Jennie

JENNIFER N. PAHRE

Teaching Associate Professor and Director of Undergraduate Studies

College of Law

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