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FLORIDA STATE UNIVERSITY SIGNATURE PAGE PROPOSAL FOR A COMBINED BACHELOR'S/MASTER'S PATHWAY

COLLEGE NAME: Anne Spencer Daves College of Education, Health, and Human Sciences

DEPARTMENT NAME (if applicable): Health, Nutrition, and Food Science

BACHELOR'S DEGREE: (incl. C.I.P. Code and Degree Type): Nutrition and Food Science (30.1901) BS

MASTER'S DEGREE: (incl. C.I.P. Code and Degree Type): Nutrition and Food Science (30.1901) MS

NAME OF COMBINED PATHWAY: Nutrition and Food Science

CONTACT PERSON: Toby Park-Gaghan

COMBINED PATHWAY DIRECTOR (print name and email):

Haiyan Maier (hmaier@fsu.edu)

APPROVALS:

DocuSigned by:
Michele Garber
ACF7D022B56142C...
Department/School Curriculum Committee — 9/1/2026 | 11:48 AM EDT — Date

DocuSigned by:
Lisa Griffiths
DCF81E34FB884B6...
Department Chair/Director — 9/1/2026 | 1:17 PM EDT — Date

Signed by:
Angela Davis
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College Curriculum Committee — 9/1/2026 | 1:59 PM EDT — Date

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DocuSigned by:
Toby Park-Gaghan
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9/1/2026 | 2:02 PM EDT

Academic Dean — Date

UPC (Dean of Undergraduate Studies) — Date

Dean of The Graduate School (or designee) — Date

VP for Faculty Development and Advancement — Date

Provost and Executive Vice President for Academic Affairs — Date

*If the composition of the combined pathway includes two degree programs from two separate departments or colleges, then please attach two separate signature pages showing the approvals from the different units.

Prior to routing the combined pathway proposal to the Undergraduate Policy Committee (UPC) for signatures, it should be submitted to Mr. James Beck in The Graduate School (jpbeck@fsu.edu) and Dr. Amy Guerette in the Office of Faculty Development and Advancement (aguerette@fsu.edu) for review.

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Request for BS/MS Nutrition and Food Science Combined Pathway

Purpose and Justification of Establishing the Combined Pathway

The BS/MS Nutrition and Food Science Combined Pathway in the Department of Health, Nutrition, and Food Sciences (HNFS) provides highly qualified students the opportunity to complete coursework for both degrees. The pathway allows students to apply up to 12 graduate-level credit hours toward both a BS and MS degree in Nutrition and Food Science.

Pedagogically, in the undergraduate program, students have more autonomy in their electives, allowing them to explore various topic areas related to Nutrition and Food Science. Creating a BS/MS pathway enables students who are ready to take advanced, graduate-level coursework to fulfill the foundational courses required for the Master's degree as part of their undergraduate electives.

A recent career analysis in Nutrition and Food Science showed an increase in the requirement for a Master's degree for careers beyond the entry-level positions. By creating an combined pathway in Nutrition and Food Science, students will develop the skills that employers are seeking, including critically analyzing research, translating research into practice, and making empirically supported decisions in the areas of food safety and quality control, as well as food production and manufacture.

We believe that this combined pathway will prepare our students to work in a variety of settings, supporting and serving the food industry or the nutrition policy community. Examples of these high-demand careers include: food scientist, food technologist, sensory scientist, research associate in universities or government agencies, product development specialist, or quality assurance in the food industry, nutrition consultant for food companies, food safety auditor or inspector, nutrition educator, wellness coach, health writer or communicator, food policy analyst, nonprofit nutrition program manager, extension specialist, and regulatory affairs specialist in nutrition and food.

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Admissions Criteria and Operating Procedures

Undergraduate Combined Pathway Admission Requirements
An undergraduate student interested in enrolling in the combined BS/MS pathway must (a) complete at least 60 credits at FSU with an overall GPA of at least 3.00; and (b) with a major GPA of 3.00; and complete the six required courses for major (FOS1020, HUN1201, FOS3026 and FOS3026L, PET3322 and PET3322L) with a grade of C or better. Transfer students must have completed at least two semesters and 24 credits at FSU with the same minimum GPA requirements.

Students who are interested in the Combined BS/MS pathway should apply by the end of the junior year. Students should complete the "Application for the Nutrition and Food Science Combined Bachelor's/Master's Combined Pathway" which is available on the Department of Health, Nutrition, and Food Sciences website and submit it to the Office of Academic Services and Intern Support (OASIS) for approval. Students who are accepted into the Combined BS/MS Pathway should contact a designated OASIS Staff member to complete the "Undergraduate Request to Take Graduate Courses" DocuSign form each semester they want to register for graduate courses intended to count towards both the BS and MS degrees.

MS Admission Requirements
Students make a formal application for admission to the Graduate School before April 1 of their senior year. Admission materials, including two letters of recommendation, a current resume, and a statement of purpose detailing their academic and professional goals, are due by April 1 to be considered for Fall acceptance into the Master's degree program.

Students who are accepted into the Master's degree program will fulfill the remaining requirements of the graduate program after receiving the Bachelor's degree. Upon fulfilling these requirements, students may begin taking the rest of their graduate courses the following Fall semester. Students who do not meet the standards for acceptance into the Master's program cannot continue with the pathway, but the approved successfully completed graduate courses taken will apply to the BS degree.

Advising: Students in this pathway are supported by the Office of Academic Services and Intern Support (OASIS), which represents the academic dean's office for Anne's College of Education, Health, and Human Sciences. The OASIS maintains all student records and tracks academic milestones to ensure student success. As the academic

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dean's office, the OASIS provides support for general student services, including course drops, withdrawals, and graduation. The OASIS also serves as a central point of contact to assist students with referrals to other campus resources.

For undergraduate students in Nutrition and Food Science, the OASIS manages the admissions process both to the upper division BS degree program and to the Pathway. The OASIS provides academic advising from admission to graduation and serves as a liaison between students and the Registrar's Office, Office of Undergraduate Studies, and other campus partners. Lower-division students not yet admitted to upper-division should begin by meeting with an academic advisor to map out coursework and a timeline to graduation. They will be referred to a designated Office staff person to be aware of deadlines for the pathway admission process. Students are not assigned an individual academic advisor and may meet with any advisor in the OASIS. Currently, the college has six advisors serving this population. Once accepted, OASIS staff monitor the progress of students in the Pathway to ensure eligibility for the Master's degree.

At the graduate level, the academic department assumes responsibility for the admissions process, with the OASIS staff providing support. Graduate students meet with their assigned faculty advisor to create a Program of Study. The OASIS staff continues to monitor milestones and provide student services through to the completion of the graduate program, and liaise with campus partners, including the Graduate School.

Academic advising (for undergraduate students), student services, and admissions for the Nutrition and Food science program are located in the Sandels Building.

Curriculum

The BS program offers electives within the curriculum to serve students with various career goals, such as pre-health professionals and those interested in research and development in the food manufacturing industry.

The MS (non-thesis) degree requires a minimum of 31 credits: 12 credits can be earned toward the Master's as an undergraduate. To remain in the pathway, students must maintain a minimum GPA of 3.0 and earn a grade of "B" or better in all graduate courses taken as an undergraduate student to continue in the pathway.

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Students who complete the requirements for the undergraduate degree at the end of the fourth year will be awarded the Bachelor's degree. After the requirements for the Master's degree are met (potentially within two semesters or one year), students will be awarded the Master's degree. Students in the Combined BS/MS Pathway in Nutrition and Food Science may enroll in the following four graduate courses in their junior or senior year. These graduate courses are approved to count for both the BS and the MS in Nutrition and Food Science.

FOS 5205 (3) Food Safety and Quality
HUN 5938 (3) Nutrition and Microbiome
HUN 5242 (3) Carbohydrates, Fats, and Proteins
HUN 5243 (3) Vitamins and Minerals

These are foundational core courses that equip students with knowledge in the areas of nutrition and food science and are pedagogically appropriate for advanced-standing bachelor's level students. Each course goes beyond the introductory coursework in areas of nutrition and food science, and prepares students to understand the research base for these areas, as well as their professional application and translation to practice. The MS degree in Nutrition and Food science allows students to select one of the two specializations (Food Science or Nutrition Science). All graduate-level courses listed above can fulfill elective requirements towards the BS degree in Nutrition and Food science. Following these courses, students will be ready to take the required graduate-level research coursework, specialized advanced coursework, and ultimately complete the required comprehensive exam or apply to the Dietetic Internship program.

Bachelor’s Degree Required Major Courses (22 hours)

- FOS 3026 (3) Foods
- FOS 3026L (1) Foods Lab
- FOS 4114C (4) Food Science
- FOS 1020 (1) Introduction to Food & Nutrition Science
- HUN 1201 (3) Science of Nutrition
- HUN 2125 (3) Food and Society
- HUN 4362 (3) Functional Food and Human Health
- PET 3322 (3) Functional Anatomy and Physiology I
- PET 3322L (1) Functional Anatomy and Physiology I Lab

Total BS: 120 Credit Hours

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Shared Credit Graduate Coursework (12 credits)

- FOS 5205 (3) Food Safety and Quality
- HUN 5938 (3) Nutrition and Microbiome
- HUN 5242 (3) Carbohydrates, Fats, and Proteins
- HUN 5243 (3) Vitamins and Minerals

MS Coursework (19 credits)

All Students

- HUN 5802 (2) Research Design and Methodology
- HUN 5802L (1) Research Design and Methodology Lab
- APK 6935 (1) Seminar in Health, Nutrition and Food Sciences
- EDF 5400 (3) Basic Descriptive & Inferential Statistics App
- Elective (3 credits)
- Elective (3 credits)

Food Science Specialization

- FOS 5424 (3) Food Preservation
- HUN 6248 (3) Advances in Nutrition & Food Science: Food Microbiology

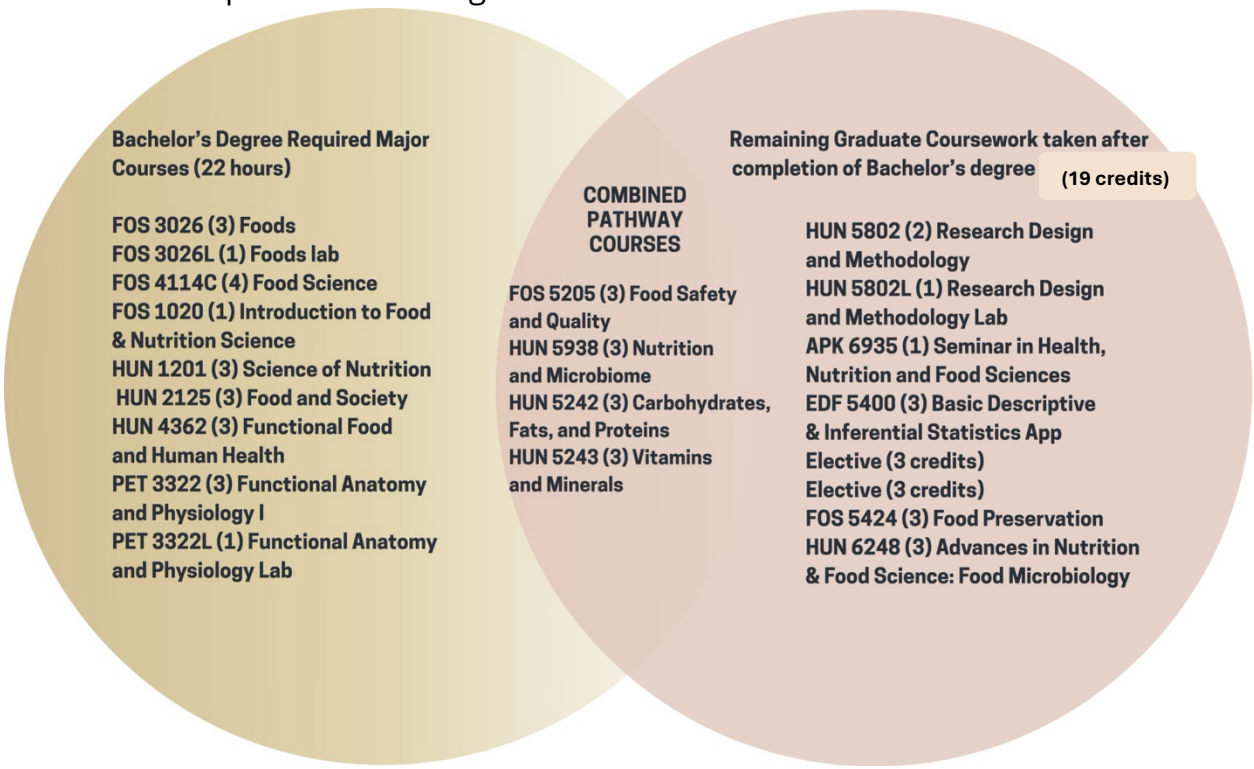
Nutrition Science Specialization

- HUN 5505 (3) Community Nutrition
- HUN 5297 (3) Eating Disorders, Body Image & Healthy Weight Maintenance

Total MS: 31 Credit Hours

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Food Science Specialization Diagram:



Nutrition Science Specialization diagram:

