FOOD SCIENCE & HUMAN NUTRITION: FOOD SCIENCE, MS

for the Master of Science in Food Science and Human Nutrition: Food Science Concentration

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申请及要求概述：https://fshn.illinois.edu/graduate/apply

研究生学院申请及要求概述：https://grad.illinois.edu/admissions/apply

部门网站：https://fshn.illinois.edu/

项目网站：https://fshn.illinois.edu/graduate/food-science

部门教师：https://fshn.illinois.edu/directory/faculty/

学院网站：https://aces.illinois.edu/

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

电话：(217) 244-4498

电子邮件：FSHNGradAdmissions@illinois.edu (fshngradadmissions@illinois.edu)

On Campus: Master of Science in Food Science and Human Nutrition, students are required to select a concentration:

- Food Science (p. 1)

- Human Nutrition (http://catalog.illinois.edu/graduate/aces/food-science-human-nutrition-ms/human-nutrition/)

Online: The focus of the online Master of Science in Food Science and Human Nutrition (https://fshn.illinois.edu/online/) is Food Science. Students are not required to select a concentration.

Graduate Degree Programs in Food Science & Human Nutrition

研究生专业:

- 食品科学与人类营养学, MS (http://catalog.illinois.edu/graduate/aces/food-science-human-nutrition-ms/) (on campus & online)

  学科方向:
  - 食品科学 (p. 1)
  - 人类营养 (http://catalog.illinois.edu/graduate/aces/food-science-human-nutrition-ms/human-nutrition/)

- 食品科学和人类营养学, MS – 专业科学硕士 (http://catalog.illinois.edu/graduate/aces/food-science-human-nutrition-ms/professional-science-masters/)

- 食品科学和人类营养学, PhD (http://catalog.illinois.edu/graduate/aces/food-science-human-nutrition-phd/)

  学科方向:
  - 食品科学 (http://catalog.illinois.edu/graduate/aces/food-science-human-nutrition-phd/food-science/)
  - 人类营养 (http://catalog.illinois.edu/graduate/aces/food-science-human-nutrition-phd/human-nutrition/)

联合项目:

- 食品科学与人类营养学, PhD 和公共卫生硕士, MPH (http://catalog.illinois.edu/graduate/aces_ahs/joint-degree/food-science-human-nutrition-phd-public-health-mph/)

研究领域

除了接受食品科学或人类营养的一般领域训练外，学生有机会在以下专业领域进行研究：

Information listed in this catalog is current as of 06/2022
- 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.

The PSM involves rigorous scientific training in the area of food science and/or human nutrition; additionally, instruction is provided in applied business knowledge and skills. This program is designed for those who seek careers in a science-based setting with significant managerial and leadership responsibilities. For additional information go to psm.illinois.edu/prospectivestudents/programs/foodscience.htm.

Admission
In addition to meeting the Graduate College admission requirements, a student planning to pursue a graduate degree in the department should have a baccalaureate degree in a recognized field of biological, physical, agricultural, or engineering science. Background deficiencies may be removed with graduate credit courses designed for this purpose. 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 except for the PSM concentration, which admits fall semester only. For information on the role faculty have in 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).

Online Program
A non-thesis Master of Science in Food Science program is offered via live, synchronous online sessions using distance education technology. The program ensures the same degree of excellence, and courses are instructed by the same faculty, as the on-campus non-thesis program. Courses are typically offered in the evening. For requirements and additional information, please contact Dr. Dawn Bohn at dbrehart@illinois.edu.

Graduate Teaching Experience
Teaching is neither a Graduate College nor a FSHN requirement. A limited number of teaching assistantships are available to FSHN graduate students. Students are selected to be Graduate Teaching Assistants by the Department Head in consultation with the course instructor.

Financial Aid
Illinois PSM students may not hold assistantships or other tuition and fee waiver-generating appointments; statutory waivers and tuition scholarships are accepted. Financial aid for non-PSM graduate students is available in the form of fellowships, teaching and research assistantships, and tuition and partial fee waivers. Qualified candidates are considered for financial support upon application. Additional information on financial aid for graduate students can be found at fshn.illinois.edu/graduate/financial-assistance.