

FOOD SCIENCE AND TECHNOLOGY (PHD)

Advancing available healthy foods through safety and processing sustainability.

Description

As a graduate student in our program, you will work closely with internationally recognized faculty. Our research areas are dedicated to solving real problems within the food system, from harvest to food processing to consumption to individual health. We invite you to work long side faculty conducting research on food allergens, bioinformatics, biotechnology, food chemistry, food engineering, human health, food microbiology, food processing, food safety, and risk analysis.

Food Science and Technology faculty are located in the Food Innovation Center on Nebraska Innovation Campus (NIC). The Food Innovation Center includes state-of-the-art classrooms, teaching labs, and wet/dry lab research space. It also includes clinical facilities, sensory lab, and pilot plants.

The program is highly flexible allowing you to tailor your curriculum to meet your individual interests and goals. Alumni now hold positions in industry, at academic institutions and in government agencies.

Specializations

- Bioinformatics

Program-Related Information

Graduate Chair

Amanda Ramer-Tait
402-472-7293
aramer-tait2@unl.edu

Program Website

<https://foodsci.unl.edu/gradprograms> (<https://foodsci.unl.edu/gradprograms/>)

Applying for Admission

Standard requirements for all graduate programs

- Application for Admission with \$50 non-refundable application fee (<https://graduate.unl.edu/admissions/requirements/#appfee>).
- Transcripts (<https://graduate.unl.edu/admissions/requirements/#transcripts>) (unofficial): Uploaded as part of application form.

If International: Uploads must include all college- or university-level transcripts or mark sheets (records of courses and marks earned), with certificates, diplomas, and degrees plus certified English translations.

After admission: Official documents are required from all students who are admitted and enroll. Photocopies of certified records are not acceptable. International students enrolled in other U.S. institutions may have certified copies of all foreign records sent directly to the Office of Graduate Studies by their current school's registrar office.

- If applicant's native language is not English, verification of English proficiency (<https://graduate.unl.edu/admissions/english-proficiency/>) is required.

When sending TOEFL scores, our institution code is 6877 and a department code is not needed.

- If applicant is not a US citizen and expects an F or J visa: financial information (<https://graduate.unl.edu/prospective/international/financial/>).
- Applicants must also fulfill any additional requirements the department specifies at the time of application.

Additional requirements specific to this program

- Resume or curriculum vitae: Include prior educational, research, teaching, internship/work, and volunteer experiences. Applicants are also encouraged to include information about awards, publications, and presentations, and highlight any extra-curricular and/or leadership activities.
- Personal Statement: In two pages or less, describe 1) your motivation for pursuing a graduate degree in Food Science; 2) your relevant experiences (research, teaching, internships/work, volunteering) that have prepared you for graduate school; and 3) what you want to gain during graduate school. Where appropriate, include examples of your ability to overcome obstacles, your initiative, and your communication skills. Although you do not need to identify an advisor to apply, indicate if there are specific faculty members you are interested in working with and why.
- Other Upload: FDST-PHD Professional Development Supplemental Form PDF (https://graduate.unl.edu/sites/unl.edu/executive-vice-chancellor-graduate-studies/files/media/file/FDST-PhD-Professional-Development-Supplemental-Form-2024_fillable.pdf).
- Three recommendation letters
- Publications, Certifications, etc. (optional): On the application's Additional Information page, you may upload or provide a URL for abstracts, publications, documentation of special recognitions or certifications, etc. Do not duplicate information/documents uploaded elsewhere in the application.
- Funding/Assistantship: Doctoral applicants must indicate and obtain funding other than personal/self-funded.

Admission Application Deadlines

Apply by December 1 for Fall admission or by August 15 for Spring admission.

Requirements

Hours required: 90