



Professional Development Supplemental Form

Applicants for Master of Science Degree (MS) in Food Science & Technology

Name

Email

Date

UNL offers two options for Master of Science Degree in Food Science and Technology. Both options require 30 credit hours.

A) Thesis is research-based contributes to new knowledge, opportunity to continue to PhD, eligible for assistantship funding

B) Project is course-based applying science using current knowledge to develop practical applications, must be willing and able to be self-funded

Future Plans

What is your interest in pursuing a research-based degree?

Not at all interested

Slightly interested

Moderately interested

Very Interested

Extremely Interested

What is your interest in pursuing a course-based degree?

Not at all interested

Slightly interested

Moderately interested

Very Interested

Extremely Interested

What are your career goals? (2-3 sentences)

Experience

List research experience outside of the classroom.

List teaching experience.

Rank your top **TWO** interests within food science and technology offered at UNL. (<https://foodscience.unl.edu/research>)

Analytical Food Chemistry

Joseph Baumert, Melanie Downs, Philip Johnson

Biomolecular Interactions of Carbohydrates, Proteins and Lipids

Kaustav Majumder, Devin Rose

Computational Biology and Bioinformatics

Jennifer Auchtung, Philip Johnson, Hyun-Seob Song, Yanbin Yin

Dietary Bioactives and Health-Promoting Foods

Jennifer Auchtung, Edward Deehan, Kaustav Majumder, Amanda Ramer-Tait, Devin Rose, Heather Rasmussen

Food Allergens, Proteomics, Toxicology, Genetically Modified Safety, and Risk Assessment

Joseph Baumert, Melanie Downs, Philip Johnson

Food, Energy and Water Nexus

Yanbin Yin

Food Engineering and Processing

Byron Chaves, Grace Danao, Gary Sullivan

Food Microbiology, Sanitation, Safety, and Risk Assessment

Andreia Bianchini, Byron Chaves, Grace Danao, Heather Hallen-Adams, Jayne Stratton, Bing Wang

Fungi, Molds and Mycotoxins

Andreia Bianchini, Heather Hallen-Adams

Gut Microbiome and Human Health

Jennifer Auchtung, Edward Deehan, Heather Hallen-Adams, Amanda Ramer-Tait, Devin Rose, Hyun-Seob Song, Yanbin Yin, Heather Rasmussen

Special Consideration for Applicants Working in the Food Industry

Are employed by a food company and plan to continue to work full-time while pursuing a graduate degree?

Yes (complete the 2nd page)

No (skip the 2nd page)

Special Consideration for Applicants Working in the Food Industry (continued)

Company Name

Location

Supervisor Name

Supervisor Email

Does your employer offer tuition assistance benefits? Yes No

Have you discussed a potential research with your employer/ supervisor? Yes No

Potential Research Interest to You and Your Employer