



# Professional Development Supplemental Form

## Applicants for Master of Science Degree 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, Changmou Xu*

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, Changmou Xu, 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, Rossana Villa Rojas, Changmou Xu, 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 2<sup>nd</sup> page)

No (skip the 2<sup>nd</sup> 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