



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

How interested are you in pursuing a research-based degree?

Not at all interested

Slightly interested

Moderately interested

Very Interested

Extremely Interested

How interested are you in pursuing a coursework-based degree?

Not at all interested

Slightly interested

Moderately interested

Very Interested

Extremely Interested

What are your career goals?

Experience

Briefly describe any research experience outside of the classroom.

Briefly describe any teaching experience.

Please identify up to **TWO** of your top interests within food science and technology offered at UNL.

Analytical Food Chemistry

Joseph Baumert, Grace Danao, Melanie Downs, Philip Johnson, Changmou Xu

Biomolecular Interactions of Carbohydrates, Proteins and Lipids

Kaustav Majumder, Kurt Piepenbrink, Devin Rose

Computational Biology and Bioinformatics

Jacques Izard, Philip Johnson, Yanbin Yin

Dietary Bioactives and Health-Promoting Foods

Jennifer Auchtung, Ozan Ciftci, Jacques Izard, 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, Phil Johnson

Food, Energy and Water Nexus

Ozan Ciftci, Bing Wang, Curtis Weller

Food Engineering and Processing

Byron Chaves, Ozan Ciftci, Grace Danao, Curtis Weller, Mark Wilkins, Changmou Xu, Gary Sullivan

Food Microbiology, Sanitation, Safety, and Risk Assessment

Andreia Bianchini, Byron Chaves, Grace Danao, Heather Hallen-Adams, Kurt Piepenbrink, Jayne Stratton, Bing Wang, Curtis Weller, Yanbin Yin

Fungi, Molds and Mycotoxins

Andreia Bianchini, Heather Hallen-Adams

Gut Microbiome and Human Health

Jennifer Auchtung, Andrew Benson, Heather Hallen-Adams, Jacques Izard, Kurt Piepenbrink, Amanda Ramer-Tait, Devin Rose, 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
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Have you discussed potential research with your employer/ supervisor?	Yes	No
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Potential Research Interest to You and Your Employer