FOOD SCIENCE, PHD

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (https://guide.wisc.edu/graduate/#requirementstext) and policies (https://guide.wisc.edu/graduate/#policiestext), in addition to the program requirements listed below.

MAJOR REQUIREMENTS

MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW-Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirement	Detail
Minimum Credit Requirement	51 credits
Minimum Residence Credit Requirement	32 credits
Minimum Graduate Coursework Requirement	26 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: https://policy.wisc.edu/library/UW-1244 (https://policy.wisc.edu/library/UW-1244/).
Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).
Other Grade Requirements	n/a
Assessments and Examinations	Students are required to have a graduate program advisory committee (GPAC). Within 6 months, the students meet with their GPAC to establish the coursework. Afterwards, students meeting every year to monitor progress toward their degree. Doctoral students are required to take a preliminary/oral examination after they have cleared their record of all Incomplete and Progress grades (other than research and thesis). Defense and deposit of the doctoral dissertation with the Graduate School is required. Additional requirements determined by the department: The preliminary exam cannot be taken until 39 credits are completed as well as all required coursework are completed. This does not include FOOD SCI 990 Research and 1 credit of graded FOOD SCI 900 Seminar Advanced (student gives a seminar presentation and class is taken for a grade).
Language Requirements	n/a
Graduate School Breadth Requirements	All doctoral students are required to complete a doctoral minor or graduate/professional certificate. Refer to the Graduate School: Breadth Requirement in Doctoral Training policy: https://policy.wisc.edu/library/UW-1200 (https://policy.wisc.edu/library/UW-1200/). Coursework must be completed before, or by end of, the semester in which the prelim is taken.

REQUIRED COURSES

Code	Title	Credits
Teaching Practicum		
FOOD SCI 799	Practicum in Food Science Teaching	2
Graduate Seminar		
PhD students must enroll in seminar (1 credit) each semester they are enrolled in the program.		8
FOOD SCI 900	Seminar Advanced	
Food Science Coursework		
Students must complete two of the following courses:		6
FOOD SCI 725	Advanced Food Microbiology	
FOOD SCI/ AN SCI 711	Food Biochemistry	
FOOD SCI 611	Chemistry and Technology of Dairy Products	
Statistics		
Students must complete one of the following options:		4
F&W ECOL/ STAT 571	Statistical Methods for Bioscience I	
STAT/ F&W ECOL 572	Statistical Methods for Bioscience II	

Or other graduate-level statistics courses numbered 300 and above with the Grad 50% designation may be taken to fulfill this requirement with approval of the student's advisory committee.		
Research Ethics and Responsibility		
Students must complete one of the following courses:		2
PATH 755	Responsible Conduct in Research: Research Ethics, Rigor, Reproducibility and Transparency	
PATH-BIO/ COMP BIO 812	Research Ethics and Career Development	
Scientific Writing		
Students must complete one of the following courses:		3
LSC 430	Communicating Science with Narrative	
LSC 560	Scientific Writing	
Breadth		**9**
Electives		
Students complete courses with the Grad 50% designation, numbered 600 and above in food science and related disciplines to meet the 51-credit minimum requirement, selected in consultation with the student's graduate committee.		17
Total Credits		**51**