

# FOOD SCIENCE (PH.D.)

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## Doctor of Philosophy. Major in Food Science.

University Ph.D. requirements apply, along with specific departmental requirements described on the department webpage ([www.sfs.wsu.edu/graduate-program/ui-graduate-students/phd-req-ui](http://www.sfs.wsu.edu/graduate-program/ui-graduate-students/phd-req-ui) (<http://www.sfs.wsu.edu/graduate-program/ui-graduate-students/phd-req-ui/>)) for a Ph.D. in food science. Admission to the doctoral program is based on compatibility of the student's research interests with those of the major professor, on availability of research support, and the student's academic record and potential. An oral preliminary exam and written dissertation proposal are required prior to admission to final candidacy for the degree. All candidates prepare a dissertation based on independent laboratory research and defend it as part of the final oral exam. Publication of data from the dissertation in a peer-reviewed scientific journal is expected. Participation in research seminars and in department teaching programs is designed to prepare students for professional opportunities.

1. Graduates will be able to conduct innovative and high quality research to solve emerging problems in food science by:
  - a. Demonstrating a fundamental understanding of food science knowledge and principles.
  - b. Applying scientific knowledge to assess and solve food science problems.
  - c. Exhibiting communication skills to convey technical information and defend scientific findings.
  - d. Designing and conducting scientific experiments and analyzing research findings.
2. Graduates will have the professional and leadership skills for entry-level positions in food and allied industries, government, or academia.