

# FOOD SCIENCE

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## Learning Outcomes

### Master of Science (M.S.)

1. Know. Graduates will develop a deep conceptual understanding of food chemistry, microbiology, engineering, nutrition.
2. Critical thinking. Graduates will be able to solve practical problems in the Food Science field.
3. Research. Graduates will demonstrate the ability to design scientific approaches to solve practical problems and to select appropriate methods of data analysis.
4. Communicate. Graduates will be able to accurately report the results of research data in field of food science through written and oral presentations.
5. Professional practice. Graduates will conduct themselves in an ethical and professional manner.

### Doctor of Philosophy (Ph.D.)

1. Know. Graduates will develop a deep conceptual understanding of food chemistry, microbiology, engineering, nutrition.
2. Critical thinking. Graduates will be able to apply their knowledge to independently identify and define original research problems.
3. Research. Graduates will demonstrate the ability to design scientific approaches to solve unanswered question and to select appropriate methods of data analysis.
4. Communicate. Graduates will be able to accurately report the results of research data in field of food science through written and oral presentations.
5. Professional practice. Graduates will conduct themselves in an ethical and professional manner.