
FOOD SCIENCE TECHNOLOGY

Food Science Technology

College of Science, Engineering & Technology

Department of Biological Sciences

242 Trafton Science Center S • 507-389-2786

Program Director: Dorothy Wrigley, Ph.D. (Biology)

Faculty: Joye Bond, Ph.D. (Family and Consumer Science); Mary Hadley, Ph.D. (Chemistry); Gregg Marg, Ph.D. (Biology); Dorothy Wrigley, Ph.D. (Biology).

Recent outbreaks of food borne disease and concern for safe food products for consumers is driving the market for individuals with a degree in Food Science Technology. Graduates can expect to find employment within the food industry and testing laboratories or government laboratories. These positions require a diversified training in both foods and sciences, especially microbiology and chemistry. This undergraduate major is easily adapted for students wanting to continue into graduation education.

POLICIES/INFORMATION

Admission to major is granted by the Department of Biology and follows minimum University admission requirements:

- a minimum of 32 earned semester credits hours
- a minimum cumulative GPA of 2.00

GPA Policy. A minimum GPA of 2.00 must be maintained in the major.

P/N Grading Policy. All courses in the major must be taken for grade.

FOOD SCIENCE TECHNOLOGY BS

Required General Education (7 credits)

MATH	112	College Algebra (4)
STAT	154	Elementary Statistics (3)

Required Support Courses (8 credits)

CHEM	360	Principles of Biochemistry (4)
CHEM	437	Food Chemistry (4)

Recommended Support Course (4 credits)

MATH	121	Calculus I (4)
------	-----	----------------

Required for Major (Core, 36-38 credits)

BIOL	105	General Biology I (4)
BIOL	106	General Biology II (4)
BIOL	230	Human Physiology (4)
BIOL	270	Microbiology (4)
BIOL	453	Biological Engineering Analysis I (4)
BIOL	478	Food Microbiology and Sanitation (4)
FCS	240	Nutrition I (3)
FCS	340	Food Science (4)
FCS	444	Experimental Food Science (3)

Choose one course from the following:

BIOL	497	Internship I (2-4)
BIOL	499	Individual Study (2-4)

Required Electives (3 credits)

Choose one course from the following:

BIOL	452	Biological Instrumentation (3)
BIOL	467	Industrial Hygiene (3)

Required Minor: Yes. Chemistry.

Refer to the College regarding required advising for students on academic probation.