

Food Science Technology

College of Science, Engineering & Technology

Department of Biological Sciences

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

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

The food industry in the United States is highly competitive and innovative. There is an increasing need for degreed employees with a background in science and foods. The Food Science Technology major is designed to prepare for future employment in several of the major aspects of the food industry: production, quality assurance and management; sanitation; research and development; and laboratory analysis.

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 (4 credits):

Choose one of the following:

CHEM 360 Principles of Biochemistry (4) **OR**

CHEM 460 Biochemistry I (3) **AND**

CHEM 465 Biochemical Techniques I (1)

Recommended Support Course (4 credits):

MATH 121 Calculus I (4)

Required for Major (Core, 39-41 credits):

BIOL 105 General Biology I (4)

BIOL 106 General Biology II (4)

FCS 240 Nutrition I (3)

FCS 340 Food Science (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 444 Experimental Food Science (3)

Choose one course from the following:

BIOL 497 Internship I (2-4)

BIOL 499 Independent 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.

POLICIES/INFORMATION

Admission to major is granted by the Department of