FOOD SCIENCE

2021/2022 Four-Year Plan

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

YEAR 1 • FALL		
	FS 110 (F) Introduction to Food Science	3
	COMM 101 Oral Communication	2
	ELECTIVE Humanities or American Diversity	3
	ENGL 101 Introduction to College Writing	3
	MATH 143, 160, or 170 Math Core	3-4
	TOTAL CREDITS	14-15

YEAR 1 • SPRING		
	MATH 160 or 170 Survey of Calculus or Calculus I (Test Scores/MATH 143)	4
	ENGL 102 College Writing and Rhetoric (Test Scores/ENGL 101)	3
	FCS 205 Concepts in Human Nutrition	3
	CHEM 111/111L General Chemistry I (Test Scores/MATH 143,/CHEM 101)	4
	TOTAL CREDITS	14

YEAR 2 • FALL		
	STAT 251 Statistical Methods (MATH 143, 160, or 170)	3
	BIOL 115/115L Cells & Evolution of Life/Lab *(CHEM 111)*	4
	PHYS 111/111L General Physics I (MATH 143)	4
	CHEM 112/112L General Chemistry II (CHEM 111)	5
	TOTAL CREDITS	16

YEAR 2 • SPRING		
	ELECTIVE Social Science or International	3
	PHIL 103 or 351 Ethics or Philosophy of Science (351: 3 credits PHIL or Natural Science)	3
	CHEM 275/276 or CHEM 277/278 Carbon Compounds or Organic Chemistry I (CHEM 112)	4
	FS 220 Food Safety & Quality	3
	ELECTIVE Social Science and Humanities	3
	TOTAL CREDITS	16

YEAR 3 • FALL		
	FS 302/303 Food Processing/Lab (FS 110, 220, MATH 160 or 170, STAT 251)	4
	ENGL 317 Technical Writing (ENGL 102; Junior)	3
	BIOL 300 or 380 Survey of Biochemistry or Intro to Biochemistry I (CHEM 275; *CHEM 277*)	3-4
	BIOL 250/255 (F) General Microbiology & Lab (CHEM 111 & BIOL 115)	5
	TOTAL CREDITS	15-16

YEAR 3 • SPRING		
	FS 350 Instrumental & Sensory Analysis of Food	5
	FS 432/433 Food Engineering/Lab (FS 302/303, PHYS 111)	4
	COMM 233 Interpersonal Communication	3
	FS 418 Oral Seminar in Food Science (FS 110 or 220, Junior)	1
	FS Upper Division FS 304, 363, 398, 406, 464, 465/466, 475, 499, BIOL 433, MHR 311, MKTG 321, PLSC 440	3
	TOTAL CREDITS	16

YEAR 4 • FALL		
	FS 460/461 Food Chemistry/Lab (CHEM 275/276 or CHEM 277/278, BIOL 300 or 380)	4
	FS Upper Division FS 304, 363, 398, 406, 464, 465/466, 475, 499, BIOL 433, MHR 311, MKTG 321, PLSC 440	3
	FS Upper Division FS 304, 363, 398, 406, 464, 465/466, 475, 499, BIOL 433, MHR 311, MKTG 321, PLSC 440	4
	FS 416/417 Food Microbiology/Lab (BIOIL 250/255)	5
	TOTAL CREDITS	16

YEAR 4 • SPRING		
	FS Upper Division FS 304, 363, 398, 406, 464, 465/466, 475, 499, BIOL 433, MHR 311, MKTG 321, PLSC 440	3
	FS 470 Advanced Food Technology (FS 302/303, STAT 251)	3
	FS Upper Division FS 304, 363, 398, 406, 464, 465/466, 475, 499, BIOL 433, MHR 311, MKTG 321, PLSC 440	3
	FS 489 Food Product Development (FS 302/303, 416, 460, Senior)	3
	ELECTIVE American Diversity or International	3
	TOTAL CREDITS	15

COURSE # Course Name (Prerequisites, *Co-Requisites*)

F = FALL, S = SPRING

University of Idaho
College of Agricultural and Life Sciences

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FOODSCIENCE

Learn to improve the nutrition and quality of foods as you study chemistry, biology and engineering. Examine food-spoiling bacteria, collect taste-sensory data, and learn how to process and package meat, dairy, cereal and produce products.

Career Options

- Quality Control Systems Manager
- Food Scientist
- Research and Development Scientist
- Quality Assurance Supervisor
- Food Safety Engineer
- Sensory Scientist
- Research Microbiologist
- Food Product Developer

Fast Facts

- Many of your courses will be held at Washington State University, just 8 miles from Moscow, giving you access to facilities and faculty experts at two renowned research universities.
- Ranked as a top 10 best bachelor's in food science and nutrition program.
- Develop your own food product and enter it in national competitions.
- Join the Food Science Club, Food Product Development Team or Dairy Products Evaluation Team to network with potential employers.
- Participate in an undergraduate research project to expand your knowledge beyond class.

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