FOOD SCIENCE
DAIRY FOODS MANAGEMENT

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		
	AVS 172 Principles & Practices of Dairy Science	2
	COMM 101 Oral Communication	2
	FS 110 Introduction to Food Science	3
	ENGL 101 Introduction to College Writing (Test Scores, *ENGL 109*)	3
	MATH 143, 160, or 170 Math Core	3-4
	TOTAL CREDITS	13-14

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		
	BIOL 115/115L Cells & Evolution of Life/Lab *(CHEM 111)*	4
	CHEM 112/112L General Chemistry II (CHEM 111)	5
	ECON 202 or 272 Principles of Microeconomics or Foundations of Economic Analysis	3-4
	STAT 251 Statistical Methods (MATH 108, 143, 160, or 170)	3
	TOTAL CREDITS	15-16

YEAR 2 • SPRING		
	ACCT 201, AGEC 289, BLAW 265 or FS Course Food Science Supporing Course	3
	PHIL 103 or 351 Ethics or Philosophy of Science	3
	CHEM 275/276 or CHEM 277/278 Carbon Compounds or Organic Chemistry I (CHEM 112)	4
	ENGL 317 Technical Writing (ENGL 102; Sophomore)	3
	ELECTIVE Social Science and International	3
	TOTAL CREDITS	16

YEAR 3 • FALL		
	FS 302/303 Food Processing/Lab (FS 110, 220, MATH 160 or 170, STAT 251)	4
	BIOL 250/255 General Microbiology & Lab (CHEM 111)	5
	FS 329 Dairy Foods Composition & Quality (FS 110 or AVS 172; CHEM 275/276)	4
	BIOL 300 or 380 Survey of Biochemistry or Biochemistry I (CHEM 111; *CHEM 277*)	3-4
	TOTAL CREDITS	16-17

YEAR 3 • SPRING		
	FS 432/433 Food Engineering/Lab (FS 302/303)	4
	FS 418 Oral Seminar in Food Science (FS 110 or 220, Junior)	3
	FS Upper Division FS 422/423, 462, 464, 470, 499, AGEC 301, 302, 333, AVS 472, MHR 311, MKTG 321, 495 or OM 378	3
	FS Upper Division FS 422/423, 462, 464, 470, 499, AGEC 301, 302, 333, AVS 472, MHR 311, MKTG 321, 495 or OM 378	3
	ELECTIVE Humanities and American Diversity	3
	TOTAL CREDITS	16

YEAR 4 • FALL		
	FCS 460/461 Food Chemistry/Lab (CHEM 275/276 or CHEM 277/278, BIOL 300 or 380)	4
	FS 416/417 Food Microbiology/Lab (BIOL 250/255)	5
	FS 475 Quality Management Tools for Food Products (FS 302/303, STAT 251)	3
	FS 398 Internship (Permission)	1
	FS 429/430 Dairy Products/Lab (BIOL 250, 300)	4
	TOTAL CREDITS	17

YEAR 4 • SPRING		
	FS 489 Food Product Development (FS 302/303, 416, 460, Senior)	3
	FS 406/407 Evaluation of Dairy Products/Lab	3
	FS Upper Division FS 422/423, 462, 464, 470, 499, AGEC 301, 302, 333, AVS 472, MHR 311, MKTG 321, 495 or OM 378	6
	FS 436 Principles of Sustainability (Junior)	3
	FS 398 Internship II (Permission)	1
	TOTAL CREDITS	16

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

F = FALL, S = SPRING

University of Idaho
College of Agricultural and Life Sciences

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Call **208-885-7984**
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Visit **uidaho.edu/cals**

DAIRY FOODS MANAGEMENT

Learn to improve the nutrition and quality of dairy products as you study chemistry, biology and engineering. Explore the processing and merchandising of dairy products from quality control and product development to sales, marketing and distribution.

Career Options

- Quality Control Systems Manager
- Dairy Food Scientist
- Research and Development Scientist
- Quality Assurance Supervisor
- Food Safety Engineer
- Sensory Scientist
- Sales Representative
- 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 a new milk-based 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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