

FOOD SCIENCE DAIRY FOODS MANAGEMENT

2018/2019 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	YEAR 1 • SPRING	MATH 160 or 170 Survey of Calculus or Analytical Geometry (Test Scores/MATH 143)	4
	COMM 101 Public Speaking	2		ENGL 102 College Writing and Rhetoric (Test Scores/ENGL 101)	3
	ISEM 101 Integrated Seminar	3		BIOL 154 or 115 Intro to Microbiology or Cells & Evolution of Life (CHEM 111)	4
	ENGL 101 Introduction to College Writing (Test Scores, ENGL 109)	3		CHEM 111/111L Principles of Chemistry I (Test Scores/MATH 143,/CHEM 101)	4
	MATH 143 Pre-Calculus (Test Scores/MATH 108)	3			
	ELECTIVE General Education	3			
	TOTAL CREDITS	16		TOTAL CREDITS	15
YEAR 2 • FALL	FCS 205 Concepts in Human Nutrition	3	YEAR 2 • SPRING	ELECTIVE Dairy Foods Management	3
	BIOL 250/255 (F) General Microbiology & Lab (CHEM 111)	5		PHIL 103 or 201 Ethics or Critical Thinking	3
	ECON 202 or 272 Principles of Microeconomics or Foundations of Economic Analysis	4		CHEM 275/276 or CHEM 277/278 Carbon Compounds or Organic Chemistry (CHEM 112)	4
	CHEM 112/112L Principles of Chemistry II (CHEM 111)	5		STAT 251 Statistical Methods (MATH 108, 143, 160, or 170)	3
				ELECTIVE General Education	3
				ISEM 301 Integrated Seminar (ENGL 102, Sophomore)	1
	TOTAL CREDITS	17		TOTAL CREDITS	17
YEAR 3 • FALL	FS 302/303 Food Processing/Lab (FS 110, 220, MATH 160 or 170, STAT 251)	4	YEAR 3 • SPRING	FS 432/433 Food Engineering/Lab (FS 302/303)	4
	FS 416/417 Food Microbiology/Lab (BIOL 250/255)	5		ELECTIVE General Education	3
	BIOL 300 (F) or 380 (F) Survey of Biochemistry or Intro to Biochemistry (CHEM 111; CHEM 277)	4		ELECTIVE General Education	3
	FS 329 Dairy Foods Comp & Quality (FS 110 or AVS 172; CHEM 275/276)	4		FS 418 Oral Seminar in Food Science (FS 110 or 220, Junior)	1
				ELECTIVE Dairy Foods Management	3
	TOTAL CREDITS	17		TOTAL CREDITS	14
YEAR 4 • FALL	FCS 460/461 Food Chemistry/Lab (CHEM 275/276 or CHEM 277/278, BIOL 300 or 380)	4	YEAR 4 • SPRING	FS 489 Food Product Development (FS 302/303, 416, 460, Senior)	3
	ENGL 316 (F) Environmental Writing (ENGL 102, Junior)	3		ELECTIVE Dairy Foods Management	9
	FS 475 Quality Management Tools for Food Products (FS 302/303, STAT 251)	3		FS 406 (S) Evaluation of Dairy Products	2
	FS 398 Internship (Permission)	1		FS 436 Principles of Sustainability (Junior)	3
	FS 429/430 Dairy Products/Lab (BIOL 250, 300)	4		FS 398 Internship II (Permission)	1
	TOTAL CREDITS	15		TOTAL CREDITS	18

COURSE # Course Name (Prerequisites, Co-Requisites)

F = FALL, S = SPRING



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