

FOOD SCIENCE

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	FS 110 (F) Introduction to Food Science	3	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
	ELECTIVE Social Science/Humanities	3		BIOL 154 or 115 Intro to Microbiology or Cells & Evolution of Life (CHEM 111)	3
	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		ISEM 101 Integrated Seminar	3
	TOTAL CREDITS	14		TOTAL CREDITS	17
YEAR 2 • FALL	STAT 251 Statistical Methods (MATH 143, 160, or 170)	3	YEAR 2 • SPRING	ISEM 301 Integrated Seminar (ENGL 102, Sophomore)	1
	BIOL 250/255 (F) General Microbiology & Lab (CHEM 111)	5		PHIL 103 or 351 Ethics or Philosophy of Science (351: 3 credits PHIL or Natural Science)	3
	PHYS 111 General Physics I (MATH 143)	3		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		FS 220 (S) Food Safety & Quality	3
				ELECTIVE General Education	3
	TOTAL CREDITS	15		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 422/423 Sensory Evaluation of Food & Wine (FS 110 or 113, STAT 251)	4
	ENGL 317 Technical Writing (ENGL 102; Junior)	3		FS 432/433 (S) Food Engineering/Lab (FS 302/303, PHYS 111)	4
	BIOL 300 (F) or 380 (F) Survey of Biochemistry or Intro to Biochemistry (CHEM 111; CHEM 277)	3		COMM 233 or SOC 337 Interpersonal Communication or Violence & Society (337: SOC 101 or Permission)	3
	ELECTIVE General Education	3		ELECTIVE Food Science	3
	FS 416/417 Food Microbiology/Lab (BIOIL 250/255)	5		ELECTIVE General Education	3
	TOTAL CREDITS	18		TOTAL CREDITS	18
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 462 Food Analysis (FS 302/303, 460/461, CHEM 275/276 or 277/278, Senior)	3
	ELECTIVE General Education	3		FS 470 Advanced Food Technology (FS 302/303, STAT 251)	3
	ELECTIVE Food Science	3		FS 464 Food Toxicology (BIOL 300 or 380)	3
				FS 489 Food Product Development (FS 302/303, 416, 460, Senior)	3
				ELECTIVE Food Science	4
	TOTAL CREDITS	10		TOTAL CREDITS	16

COURSE # Course Name (Prerequisites, Co-Requisites)

F = FALL, S = SPRING