

# Food Science B.S.A., Food Science Concentration

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### Nine-Semester Degree Program

Because the Food Science Concentration requires an internship one summer, students cannot enroll in an Eight-Semester Program. See the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy>) for requirements of the eight-semester programs.

First Year	Units		
	Fall	Spring	Summer
UNIV 1001 University Perspectives	1		
BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)	4		
FDSC 1011 Exploring Topics in Food Science	1		
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103)	3		
University Core in Fine Arts/Humanities or Social Science or History	3		
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)	3		
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)		3	
MATH 1213 Plane Trigonometry (ACTS Equivalency = MATH 1203)		3	
CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)		4	
University Core in Fine Arts/Humanities or Social Science or History		3	
FDSC 1103 Introduction to Food Science		3	
Year Total:	15	16	

Second Year	Units		
	Fall	Spring	Summer
CHEM 1123 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) & CHEM 1121L University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)	4		

MATH 2554 Calculus I (ACTS Equivalency = MATH 2405)	4		
Select one of the following:	3		
FDSC 2603 Science in the Kitchen (recommended elective)			
General Elective			
NUTR 1213 Fundamentals of Nutrition	3		
BIOL 2013 General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) & BIOL 2011L General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab)			4
CHEM 2613 Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) & CHEM 2611L Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab)			4
Communication Intensive Elective (from approved list of courses)			3
University Core in Fine Arts/Humanities or Social Science or History			3
Select one of the following:			1
FDSC 2701 Food for Health (recommended)			
General Elective			
Year Total:	14		15

Third Year	Units		
	Fall	Spring	Summer
FDSC 4122 Food Microbiology & FDSC 4121L Food Microbiology Lab	3		
PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)	4		
Select one of the following:	3		
STAT 2303 Principles of Statistics (ACTS Equivalency = MATH 2103)			
STAT 2023 Biostatistics			
AGST 4023 Principles of Experimentation			
FDSC 4304 Food Chemistry	4		
Communication Intensive Elective (from approved list of courses)			3
FDSC 3202 Introduction to Food Law			2
FDSC 4113 Food Analysis & FDSC 4111L Food Analysis Lab			4
FDSC 4754 Engineering Principles of Food Processing			4
University Core in Fine Arts/Humanities or Social Science or History			3
FDSC 431V Internship in Food Science			3
Year Total:	14	16	3

Fourth Year	Units		
	Fall	Spring	Summer
FDSC 3103 Principles of Food Processing	3		
FDSC 4413 Sensory Evaluation of Food	3		
University Core in Fine Arts/Humanities or Social Science or History	3		
General Elective	6		
CHEM 3813 Elements of Biochemistry		3	
FDSC 4713 Product Innovation for the Food Scientist		3	
University Core in Fine Arts/Humanities or Social Science or History		3	
General Elective		3	
Year Total:	15	12	

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Total Units in Sequence: 120