

Dale Bumpers College of Agricultural, Food & Life Sciences
NINE-SEMESTER DEGREE COMPLETION PROGRAM
B.S.A. – Food Science (FDSC) – Food Technology (FDTN)
2008-2009

FDSC Requirements: 12-15 hours Communication; 3 hours History; 12 hours Mathematics and Statistics; 20 hours Science; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 25 hours departmental core; 15 Business; 19-22 hours electives

Bold – Course meets University Core. Pre-requisites, co-requisites, or recommended courses are in parentheses.

Fall Semester Year 1		Spring Semester Year 1	
Course	Hours	Course	Hours
BIOL 1543/1541L Principles of Biology	4	CHEM 1103 University Chemistry I (Pre-MATH 1203)	3
MATH 1203 College Algebra	3	COMM 1313 Fundamentals of Communication	3
ENGL 1013 Composition I	3	WCOB 1120 Computer Competency Requirement	0
AFLS 1011 Freshman Orientation	1	ENGL 1023 Comp II (Pre-ENGL 1013)	3
FDSC 1011 Food Science Orientation	1	FDSC 1103 Introduction to Food Science	3
Fine Arts/Humanities OR Social Science OR History Core Elective	3	AGEC 1103 Principles of Agricultural Microeconomics (Pre-MATH 1203) OR ECON 2013 Principles of Macroeconomics (Pre-MATH 1203)	3
Total Semester Hours	15	Total Semester Hours	15
Fall Semester Year 2		Spring Semester Year 2	
Course	Hours	Course	Hours
CHEM 1123/1121L Univ. Chemistry II (Pre-CHEM 1103)	4	CHEM 2613/2611L Organic Physiological Chemistry (Pre-CHEM 1123/1121L)	4
CHEM 1101L University Chemistry I Lab (Credit earned for CHEM 1101L when CHEM 1121L is completed with a grade of "C" or better)	1	MATH 2043 Survey of Calculus (Pre-MATH 1203)	3
MATH 2053 Finite Mathematics (Pre-MATH 1203)	3	Statistics Elective (see check sheet)	3
FDSC 2503 Food Safety and Sanitation	3	Social Science Core AGEC 2103 Principles of Agricultural Macroeconomics (Pre-MATH 1203) OR ECON 2023 Principles of Microeconomics (Pre-MATH 1203)	3
WCOB 1023 Business Foundations (Pre-COMM 1313 and WCOB 1120) OR AGEC 2143 Agribusiness Financial Records (Pre – AGME 2903 and AGEC 1103)	3	General Electives	3
General Elective	1	Total Semester Hours	16
Total Semester Hours	15		
Fall Semester Year 3		Spring Semester Year 3	
Course	Hours	Course	Hours
FDSC 3103 Principles of Food Processing with lab (Pre-CHEM 1123/1121L) {even years} OR FDSC 4413 Sensory Evaluation of Foods with lab (Pre-Statistics) {odd years}	3	FDSC 4713 Food Product & Process Development with lab (Pre-junior standing, FDSC major or consent) {odd years} OR FDSC 3202 Introduction to Food Law {even years}	2-3
FDSC 4203 Quality Evaluation & Control with lab (Pre-CHEM 1123/1121L) {even years} OR BIOL 2013/2011L General Microbiology (Pre-BIOL 1543/1541L and 2 semesters of chemistry) {odd years}	3-4	Business Elective (see check sheet)	3
AGEC 3303 Food & Agricultural Marketing (Pre- ECON 2023 OR AGEC 1103) OR MKTG 3433 Principles of Marketing (Pre-ECON 2013 & ECON 2023 or ECON 2143)	3	ENGL 2003 Advanced Composition (Pre-ENGL 1013 and ENGL 1023)	3
Fine Arts/Humanities OR Social Science OR History Core Elective	3	Fine Arts/Humanities OR Social Science OR History Core Elective	3
General Electives	3	General Electives	3
Total Semester Hours	15-16	Total Semester Hours	14-15
Summer Year 3			
Course	Hours		
FDSC 431V Internship in Food Science (Pre-junior standing)	3		
Fall Semester Year 4		Spring Semester Year 4	
Course	Hours	Course	Hours
FDSC 4413 Sensory Evaluation of Food with lab (Pre-Statistics) {odd years} OR FDSC 3103 Principles of Food Processing with lab (Pre-CHEM 1123/1121L) {even years}	3	FDSC 3202 Introduction to Food Law {even years} OR FDSC 4713 Food Product & Process Development with lab (Pre-Junior standing, FDSC major or consent) {odd years}	2-3
BIOL 2013/2011L General Microbiology (Pre-BIOL 1543/1541L and 2 semesters of chemistry) {odd years} OR FDSC 4203 Quality Evaluation & Control with lab (Pre-CHEM 1123/1121L) {even years}	3-4	AGED 3142/3141L Agri Communications	3
AGEC 4313 Agricultural Business Management (Pre- AGEC 2143 or equivalent and AGEC 2303 or equivalent) OR WCOB 2033 Acquiring and Managing Human Capital (Pre – WCOB 1023, WCOB 1033, ECON 2023 & WCOB 1012)	3	Fine Arts/Humanities OR Social Science OR History Core Elective	3
Business Elective (see check sheet)	3	General Electives	6
General Electives	3	Total Semester Hours	14-15
Total Semester Hours	15-16	TOTAL HOURS	124