Students should complete the Arkansas State Minimum Core. The following State Minimum Core courses are required as pre-requisites for discipline specific courses and should be selected to fulfill requirements for the major in Food Science-Food Technology Concentration (FDSC-FDTN).

- BIOL 1543/1541L Principles of Biology and Lab*
- CHEM 1103/1101L University Chemistry I and Lab*
- CHEM 1123/1121L University Chemistry II and Lab*
- MATH 1203 College Algebra*
- MATH 2043 Survey of Calculus*
- MATH 2053 Finite Mathematics*
- AGEC 1103 Principles of Agricultural Microeconomics or ECON 2143 Basic Economics-Theory and Practice

The following lower level courses are discipline specific requirements for the major in FDSC-FDTN.

- BIOL 2013/2011L General Microbiology and Lab*
- CHEM 2613/2611L Organic Physiological Chemistry and Lab*
- Communication Intensive Electives (Choose 6 hours from AFLS 3412H, AGED 3143, AGED 4003, AGED 4343, COMM 2303, COMM 2323, COMM 2343, COMM 2373, COMM 3383, CSES 3023, ENGL 2003, ENGL 2013, or ENGL 3053)
- FDSC 1011 Food Science Orientation
- FDSC 1103 Introduction to Food Science*
- Statistics Elective (Choose from AGEC 2403, WCOB 1033*, STAT 2303*, or AGST 4023)
- FDSC 2503 Food Safety and Sanitation* or FDSC 2523 Sanitation and Safety in Food Processing Operations or FDSC 4122/4121L Food Microbiology and Lab

Upper division major requirements for FDSC-FDTN:

- FDSC 3103 Principles of Food Processing with Lab Component
- FDSC 3202 Introduction to Food Law
- FDSC 4114 Food Analysis with Lab
- FDSC 4304 Food Chemistry with Lab Component
- FDSC 431V Internship in Food Science
- FDSC 4413 Sensory Evaluation of Food with Lab Component
- FDSC 4713 Food Product & Process Development with Lab Component

Complete one of the following options (students must declare chosen minor with Bumper College Dean’s Office).

**Option 1 – Agribusiness Minor**

- AGEC 2142/2141L Agribusiness Financial Records*
- AGEC 2303 Introduction to Agribusiness
- AGEC 3303 Food & Agricultural Marketing
- AGEC 4313 Agricultural Business Management
- WCOB 1120 Computer Competency (if not AGME 2903)*

Choose one of the following courses:

- 3000-4000 level business course from the departmental codes: ACCT, AGEC, ECON, FINN, ISYS, MGMT, MKTG, TLOG, or WCOB

**Option 2 – General Business Minor**

- WCOB 1120 Computer Competency
- ACCT 2013 Accounting Principles I*
- MGMT 3563 Management Concepts and Organizational Behavior
- MKTG 3433 Introduction to Marketing

Choose one of the following courses:

- 3000-4000 level Walton College course
- 3000-4000 level Walton College course

**Option 3 – General Foods & Nutrition Minor**

- HESC 1213 Fundamentals of Nutrition
- HESC 2112/2111L Principles of Foods & Lab
- HESC 3203Human Nutrition
- HESC 4213 Advanced Nutrition

Choose two from the following courses:

- HESC 2203 Sports Nutrition
- HESC 4223 Life Cycle Nutrition
- HESC 4243 Community Nutrition

**General Electives (Choose 10-19 hours to fulfill the total 120 credit hours required for the degree.)**

*The lower level requirements may have equivalencies at your institution. Visit the University of Arkansas Transfer Course Equivalency Guide to identify transferable course options. [http://registrar.uark.edu/438.php](http://registrar.uark.edu/438.php)*

**This form is a guide. Students should consult with their academic advisor for specific degree and graduation requirements.**

07/2013