

College of Agriculture and Life Sciences, Department of Food Science and Technology  
Bachelors of Science in Food Science and Technology, Food Business Option  
For Students Graduating in Calendar Year 2016

**CURRICULUM FOR LIBERAL EDUCATION**

**Area 1. Writing and Discourse**

ENGL 1105, 1106 Freshman English 3 \_\_\_ 3 \_\_\_

**Area 2. Ideas, Cultural Traditions and Values**

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\_\_\_\_\_  
3 \_\_\_  
3 \_\_\_

**Area 3. Society and Human Behavior**

AAEC 1005, 1006 Economics of Food & Fiber 3 \_\_\_ 3 \_\_\_

OR

ECON 2005, 2006 Principles of Economics 3 \_\_\_ 3 \_\_\_

**Area 4. Scientific Reasoning and Discovery**

CHEM 1035, 1036 General Chemistry 3 \_\_\_ 3 \_\_\_

CHEM 1045, 1046 General Chemistry Lab 1 \_\_\_ 1 \_\_\_

**Area 5. Quantitative and Symbolic Reasoning**

MATH 1015, 1016 Elem Calculus with Trig I 3 \_\_\_ 3 \_\_\_

OR

MATH 1525, 1526 Elem Calculus with Matrices 3 \_\_\_ 3 \_\_\_

OR

MATH 1205, 1206 Calculus 3 \_\_\_ 3 \_\_\_

**Area 6. Creativity and Aesthetic Experience**

1 \_\_\_

**Area 7. Critical Issues in a Global Context**

3 \_\_\_

**Liberal Education Requirements 36 Credit Hours**

**Foreign Language Requirement \_\_\_\_\_**

A sequence of 2 foreign languages courses is required for graduation unless 2 high school credits of the same foreign language or 6 transfer credits of foreign language have been earned. These credits do not count toward graduation.

**DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY CURRICULUM**

BCHM 2024 Concepts of Biochemistry 3 \_\_\_

OR

BCHM 3114 Biochemistry for Biotech 3 \_\_\_

BIOL 1105, 1106 Principles of Biology (1205H) 3 \_\_\_ 3 \_\_\_

BIOL 1115, 1116 Principles of Biology Lab 1 \_\_\_ 1 \_\_\_

BIOL 2604, 2614 General Microbiology 3 \_\_\_ 1 \_\_\_

COMM 2004 Public Speaking 3 \_\_\_

ENGL 3764 Technical Writing 3 \_\_\_

FST 4014 Food Product Development 3 \_\_\_

FST 4405, 4406 Food Processing 4 \_\_\_ 2 \_\_\_

FST 4504, 4534 Food Chemistry, Lab 3 \_\_\_ 1 \_\_\_

FST 4514 Food Analysis 4 \_\_\_

FST 4524 Food Quality Assurance 3 \_\_\_

FST 4604 Food Microbiology 4 \_\_\_

**Food Science and Technology**

**44 Credit Hours**

**FOOD BUSINESS OPTION**

ACIS 2115, 2116	Principles of Accounting	3 ___	3 ___
BIT 2405, 2406	Quantitative Methods	3 ___	3 ___
BIT 3414	Operations & Supply Chain Mgt.	3 ___	
CHEM 2514	Survey of Organic Chemistry	3 ___	
MATH 2015	Elem Calculus with Trig II <sup>1</sup>	3 ___	
FIN 3104	Corporate Finance	3 ___	

**Select from:**

MGMT 3304	Administrative Theory/Practice	3 ___	
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**OR**

AAEC 3454	Small Business Mgt. & Ent.	3 ___	
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**Select from:**

MKTG 3104	Marketing Management	3 ___	
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**OR**

AAEC 3504	Marketing Agricultural Products	3 ___	
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**Choose 3 hours Restricted Electives from:**

ACIS 1504	Introduction to Business Information Systems	3	
ACIS 3284	Managerial Accounting	3	
BIT 3464	Enterprise Planning and Control	3	
FIN 3055	Legal Environment of Business	3	
FIN 3114	Intermediate Financial Management	3	
FST 2544	Functional Foods for Health	3	
FST 3114	Wines and Vines	3	
FST 3124	Brewing Science and Technology	3	
FST 3214	Meat Science	4	
FST 4104	Food Product Development	3	
FST 4204	Sensory Science Principles	3	
FST 4634	Epidemiology Foodborne Disease	3	
FST 4974	Independent Study	*	
FST 4994	Undergraduate Research	*	
MGT 3324	Organization Behavior	3	
MGT 4324	Business and Professional Ethics	3	
MKTG 4154	Marketing Research	3	
MKTG 4204	Consumer Behavior	3	
MKTG 4254	Product and Price Management	3	

**Business Option Requirements**

**33 Credit Hours**

<sup>1</sup> Not required for students completing Math 1525-1526 or Math 1205-1206 instead of Math 1015-1016

\* Credits vary depending on course

**FREE ELECTIVES**

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_____	_____
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**Free Elective Requirements**

**8-12 Credit Hours**

**THIS CHECK SHEET CONTAINS NO HIDDEN PREREQUISITES**

**ELIGIBILITY FOR CONTINUED ENROLLMENT:**

1. After having attempted 36 semester credits (including transfer, advanced placement, advanced standing, credit by examination, and freshman rule hours), students must have passed at least 12 semester credits of Curriculum for Liberal Education requirements.
2. After having attempted 72 semester credits (including transfer, advanced placement, advanced standing, credit by examination, and freshman rule hours), students must:
  - a) have passed at least 24 semester credits of Curriculum for Liberal Education requirements.
  - b) have passed 9 semester credits in the Food Science and Technology requirements.
  - c) have passed 9 semester credits in the Science Option requirements.

**GRADUATION REQUIREMENTS:**

1. A minimum of 120 credit hours are required for graduation
2. A minimum 2.0 overall GPA is required for graduation.
3. A minimum 2.0 in-major GPA is required for graduation (only FST courses will be used for in-major GPA calculation).