

**College of Agriculture and Life Sciences, Department of Food Science and Technology  
Bachelors of Science in Food Science and Technology, Food and Health Option  
For Students Graduating in Calendar Year 2019**

**CURRICULUM FOR LIBERAL EDUCATION**

**Area 1. Writing and Discourse**

ENGL 1105, 1106	Freshman English	3 ___	3 ___
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**Area 2. Ideas, Cultural Traditions and Values**

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_____	_____	3 ___	

**Area 3. Society and Human Behavior**

AAEC 1005, 1006	Economics of Food & Fiber	3 ___	3 ___
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**OR**

ECON 2005, 2006	Principles of Economics	3 ___	3 ___
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**Area 4. Scientific Reasoning and Discovery**

CHEM 1035, 1036	General Chemistry	3 ___	3 ___
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CHEM 1045, 1046	General Chemistry Lab	1 ___	1 ___
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**Area 5. Quantitative and Symbolic Reasoning**

MATH 1025, 1026	Elem Calculus w/ Trans	3 ___	3 ___
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**Area 6. Creativity and Aesthetic Experience**

_____	_____	1 ___	
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**Area 7. Critical Issues in a Global Context**

_____	_____	3 ___	
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**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**

ALS 1234	CALs First Year Seminar	1 ___	
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BCHM 2024	Concepts of Biochemistry	3 ___	
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BIOL 1105, 1106	Principles of Biology (or 1205H)	3 ___	3 ___
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BIOL 1115, 1116	Principles of Biology Lab	1 ___	1 ___
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BIOL 2604, 2614	General Microbiology	3 ___	1 ___
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COMM 2004	Public Speaking	3 ___	
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ENGL 3764	Technical Writing	3 ___	
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FST 3514	Food Analysis	4 ___	
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FST 3604	Food Microbiology	4 ___	
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FST 4014	Food Product Development	3 ___	
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FST 4304	Food Processing	4 ___	
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FST 4504, 4534	Food Chemistry and Lab	3 ___	1 ___
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FST 4524	Food Quality Assurance	3 ___	
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**Food Science and Technology      44 Credit Hours**

**FOOD AND HEALTH OPTION**

BMSP 2135, 2136	Human Anatomy/Physiology	3 ___	3 ___
BMSP 2145, 2146	Human Anatomy/Physiology Lab	1 ___	1 ___
CHEM 2535, 2536	Organic Chemistry	3 ___	3 ___
CHEM 2545, 2546	Organic Chemistry Lab	1 ___	1 ___
FST 2544	Functional Foods for Health	3 ___	
<b>OR</b>			
FST 4634	Epidemiology of Foodborne Disease	3 ___	
HNFE 1004	Food, Nutrition, Exercise	3 ___	
HNFE 2014	Nutrition Across the Life Span	3 ___	
HNFE 3025	Metabolic Nutrition	3 ___	
PHYS 2205, 2206	General Physics	3 ___	3 ___
PHYS 2215	General Physics Lab	1 ___	
STAT 3615	Biological Statistics	3 ___	

**Food and Health Option Requirements      38 Credit Hours**

**Free Elective Requirements 2 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, and credit by examination), 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, and credit by examination), 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).