APPROVED
University Registrar

College of Agriculture and Life Sciences, Department of Food Science and Technology
Bachelors of Science in Food Science and Technology, Science Option
For Students Graduating in Calendar Year 2017

CURRICULUM FOR LIBERAL EDUCATION

Area 1. Writing and Discourse			
ENGL 1105, 1106	Freshman English	3 ___	3 ___
Area 2. Ideas, Cultural Traditions and Values			
_____ _____		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 1014	Precala w/ Transcendental	3 ___	
MATH 1025	ElemCalculus	3 ___	
OR			
MATH 1525, 1526	Elem Calculus with Matrices	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

ALS 1234	CALS First Year Seminar	1 ___	
BCHM 2024	Concepts of Biochemistry	3 ___	
BIOL 1105, 1106	Principles of Biology	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 3514	Food Analysis	4 ___	
FST 4524	Food Quality Assurance	3 ___	
FST 4604	Food Microbiology	4 ___	
Food Science and Technology		**46 Credit Hours**	

APPROVED
University Registrar

SCIENCE OPTION

CHEM 2535, 2536	Organic Chemistry	3 ___	3 ___
CHEM 2545, 2546	Organic Chemistry Lab	1 ___	1 ___
FST 3024	Principles of Sensory Eva	3 ___	
HNFE 1004	Food, Nutrition, Exercise	3 ___	
MATH 1026	Elem Calculus with Trig I[1]	3 ___	
PHYS 2205	General Physics	3 ___	
STAT 3615	Biological Statistics	3 ___	

Choose 5 hours Restricted Electives from:

BIOL 4674	Pathogenic Bacteriology	4
BIOL 4704	Immunology	3
CHEM 4554	Drug Chemistry	3
FST 2014	Introduction to Food Science	2
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 4634	Epidemiology of Foodborne Disease	3
FST 4974	Independent Study	*
FST 4994	Undergraduate Research	*
MGT 3304	Management Theory & Lead Practice	3
MKTG 3104	Marketing Management	3

[1] Not required for students completing Math 1525-1526 or Math 1205-1206 instead of Math 1014-1025
* Credits vary depending on course

Science Option Requirements **28 Credit Hours**

FREE ELECTIVES

_____	_____	( ) ___
_____	_____	( ) ___
_____	_____	( ) ___
_____	_____	( ) ___
_____	_____	( ) ___

Free Elective Requirements **10 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).