

FOOD SCIENCE: FOOD SAFETY, BSAG

Requirements for Students Matriculating in or before Academic Year 2018-2019. Learn more about University Academic Regulation 3.1 (<http://catalog.okstate.edu/university-academic-regulations/#matriculation>).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (http://catalog.okstate.edu/university-academic-regulations/#english-composition)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865	
HIST 1493	American History Since 1865	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) ¹	3
STAT 2013 or STAT 2023	Elementary Statistics (A) ¹ Elementary Statistics for Business and Economics (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1114	Introductory Biology (LN) ¹	4
Any course designated (N)		3
<i>Social & Behavioral Sciences (S)</i>		
AGEC 1113	Introduction to Agricultural Economics (S) ¹	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
<i>Agricultural Sciences and Natural Resources</i>		
AG 1011	First Year Seminar	1
ANSI 2111	Animal and Food Science Professional Development	1

FDSC 1133	Fundamentals of Food Science	3
FDSC 2233 or FDSC 2253	The Meat We Eat Meat Animal and Carcass Evaluation	3
CHEM 1314	Chemistry I (LN) ²	4
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
BIOC 2344 or ENVR 1113	Chemistry and Applications of Biomolecules Elements of Environmental Science	3
<i>Written and Oral Communications</i>		
AGCM 3103 or ENGL 3323	Written Communications in Agricultural Sciences and Natural Resources ³ Technical Writing	3
Select one of the following: ⁴		3
AGCM 3203	Oral Communications in Agricultural Sciences & Natural Resources (S)	
SPCH 2713	Introduction to Speech Communication (S)	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		31
Major Requirements		
<i>Core Courses</i>		
ANSI 4863	Capstone for Animal Agriculture	3
FDSC 3113	Quality Control	3
FDSC 3123	HACCP in the Food Industry	3
FDSC 3154	Food Microbiology	4
FDSC 3373	Food Chemistry I	3
FDSC 4113	Quality Control II	3
FDSC 4153	Advanced Food Microbiology	3
FDSC 4763	Analysis of Food Products	3
FDSC 4900	Special Problems	3
FDSC 4910	Food Industry Internship	6
Select one of the following:		3
AGEC 3713	Agricultural Law	
AGEC 3703	Issues in Agricultural Policy	
LSB 3213	Legal and Regulatory Environment of Business	
<i>Related Courses</i>		
Select 12 hours of the following:		12
FDSC 3310	Advanced Competitive Evaluation	
FDSC 3333	Meat Science	
FDSC 3603	Processing Dairy Foods	
FDSC 4253	Pre-Harvest Food Safety	
FDSC 4333	Processed Meat	
FDSC 4373	Food Chemistry II	
NSCI 3543	Food and the Human Environment (IS)	
HORT 3213	Fruit and Nut Production	
ENVR 3113	Sampling and Analyses for Solving Environmental Problems	
MICR 3033	Cell and Molecular Biology	
BIOL 3163	Environmental Biology	
Hours Subtotal		49

Electives

Select 0 hours or hours to complete required total for degree	0
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Total Hours	120
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- ¹ College & Departmental requirements that may be used to meet GE requirements.
- ² If used for (N) requirement, hours in this block are reduced by CHEM course hours.
- ³ If ENGL 3323 Technical Writing is substituted for ENGL 1213 Composition II above; hours in this block are reduced by 3.
- ⁴ If used as (S) course above, hours in this block reduced by 3.

Other Requirements

- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
- A 2.00 GPA or higher in upper-division hours.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2024.