

# FOOD SCIENCE: MEAT SCIENCE, BSAG

**Requirements for Students Matriculating in or before Academic Year 2020-2021.** 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
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 ( <a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition/">http://catalog.okstate.edu/university-academic-regulations/#english-composition/</a> )		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A)	3
or MATH 1483	Mathematical Functions and Their Uses (A)	
Select one of the following:		3
MATH 1613	Trigonometry (A) <sup>1</sup>	
STAT 2013	Elementary Statistics (A) <sup>1</sup>	
STAT 2023	Elementary Statistics for Business and Economics (A) <sup>1</sup>	
<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) <sup>1</sup>	4
Any course designated (N)		3
<i>Social &amp; Behavioral Sciences (S)</i>		
AGEC 1113	Introduction to Agricultural Economics (S) <sup>1</sup>	3
or ECON 2103	Introduction to Microeconomics (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
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		
<b>College/Departmental Requirements</b>		

## *Agricultural Sciences and Natural Resources*

AG 1011	First Year Seminar	1
ANSI 1124	Introduction to the Animal Sciences	4
ANSI 2111	Animal and Food Science Professional Development	1
ANSI 2253	Meat Animal and Carcass Evaluation	3
or ANSI 2233	The Meat We Eat	
FDSC 1133	Fundamentals of Food Science	3
CHEM 1215	Chemical Principles I (LN) <sup>2</sup>	4
or CHEM 1314	Chemistry I (LN)	
CHEM 1225	Chemical Principles II (LN)	5
or CHEM 1515	Chemistry II (LN)	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Select one of the following:		3
BIOC 2344	Chemistry and Applications of Biomolecules	
ENVR 1113	Elements of Environmental Science	
HORT 1013	Principles of Horticultural Science (LN)	
PLNT 1213	Introduction to Plant and Soil Systems	
SOIL 1113	Land, Life and the Environment (N)	
SOIL 2124	Fundamentals of Soil Science (N)	
<i>Written and Oral Communications</i>		
AGCM 3103	Written Communications in Agricultural Sciences and Natural Resources <sup>3</sup>	3
or ENGL 3323	Technical Writing	
Select one of the following: <sup>4</sup>		3
AGCM 3203	Oral Communications in Agricultural Sciences & Natural Resources (S)	
SPCH 2713	Introduction to Speech Communication (S)	
SPCH 3733	Elements of Persuasion (S)	
<b>Hours Subtotal</b>		<b>35</b>
<b>Major Requirements</b>		
<i>Core Courses</i>		
ANSI 3543	Principles of Animal Nutrition	3
ANSI 4863	Capstone for Animal Agriculture	3
ANSI 3232	Advanced Meat Evaluation	2
ANSI 3333	Meat Science	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 4333	Processed Meat	3
FDSC 4763	Analysis of Food Products	3
FDSC 4910	Food Industry Internship	3
<i>Related Courses</i>		
Select 12 hours of the following (at least 6 upper division hours required):		12
ACCT, AGECE, ANSI, AGCM, CHEM, FDSC, HORT, HTM, PLNT, MICR, MGMT, MKTG, MATH, NSCI, STAT, Foreign Language		
<b>Hours Subtotal</b>		<b>45</b>
<b>Electives</b>		

Select 0 hours or hours to complete required total for degree	0
<hr/> Total Hours	120

- <sup>1</sup> College & Departmental requirements that may be used to meet GE requirements.
- <sup>2</sup> If used for (N) requirement, hours in this block are reduced by CHEM course hours
- <sup>3</sup> If ENGL 3323 Technical Writing is substituted for ENGL 1213 Composition II above; hours in this block are reduced by 3
- <sup>4</sup> 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 2026.