# ANIMAL SCIENCE: BUSINESS, BSAG

## Requirements for Students Matriculating in or before Academic Year 2019-2020

Learn more about University Academic Regulation 3.1 ([link](http://catalog.okstate.edu/university-academic-regulations/#matriculation)).

Minimum Overall Grade Point Average: **2.00**
Total Hours: **120**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
<td></td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td></td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td></td>
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</tbody>
</table>

## General Education Requirements

### English Composition

- See Academic Regulation 3.5 ([link](http://catalog.okstate.edu/university-academic-regulations/#english-composition))
- **ENGL 1113** Composition I
- **ENGL 1313** Critical Analysis and Writing I
- **ENGL 1213** Composition II
- **ENGL 1413** Critical Analysis and Writing II
- **ENGL 3323** Technical Writing

### American History & Government

- **HIST 1103** Survey of American History
- **HIST 1483** American History to 1865 (H)
- **HIST 1493** American History Since 1865 (DH)
- **POLS 1113** American Government

### Analytical & Quantitative Thought (A)

- **MATH 1513** College Algebra (A) ¹
- **MATH 1483** Mathematical Functions and Their Uses (A)
- **MATH 1613** Trigonometry (A) ¹
- **STAT 2013** Elementary Statistics (A) ¹
- **STAT 2023** Elementary Statistics for Business and Economics (A) ¹

### Humanities (H)

- Courses designated (H)
- **HIST 1463** American Civilization (H)
- **HIST 1483** American History to 1865 (H)
- **HIST 1493** American History Since 1865 (DH)
- **POLS 1113** American Government

### Natural Sciences (N)

- **Biol 1114** Introductory Biology (LN) ¹
- Any course designated (N)
- **Biol 2123** Principles of Plant Science (N)
- **Biol 2124** Principles of Animal Science (N)
- **Biol 2125** Principles of Microbiology (N)

### Social & Behavioral Sciences (S)

- **AGEC 1113** Introduction to Agricultural Economics (S) ¹
- **AGEC 2103** Introduction to Microeconomics (S)
- **ECON 2103** Principles of Microeconomics (S)
- **ECON 2113** Principles of Macroeconomics (S)

### Additional General Education

- Courses designated (A), (H), (N), or (S)
- **AGCM 3103** Written Communications in Agricultural Sciences and Natural Resources ³
- **AGCM 3203** Written Communications in Agricultural Sciences and Natural Resources (S)
- **AGCM 3303** Technical Writing
- **AGCM 3403** Technical Writing

### 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

### Agricultural Sciences and Natural Resources

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 1011</td>
<td>First Year Seminar</td>
<td>1</td>
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<tr>
<td>HORT 1013</td>
<td>Principles of Horticultural Science (LN)</td>
<td>3</td>
</tr>
<tr>
<td>PLNT 1213</td>
<td>Introduction to Plant and Soil Systems</td>
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</tr>
<tr>
<td>SOIL 1113</td>
<td>Land, Life and the Environment (N)</td>
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<tr>
<td>SOIL 2124</td>
<td>Fundamentals of Soil Science (N)</td>
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<tr>
<td>ANSI 1124</td>
<td>Introduction to the Animal Sciences</td>
<td>4</td>
</tr>
<tr>
<td>ANSI 2111</td>
<td>Animal and Food Science Professional Development</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 1215</td>
<td>Chemical Principles I (LN) ²</td>
<td>4</td>
</tr>
<tr>
<td>or CHEM 1314</td>
<td>Chemistry I (LN)</td>
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## Written and Oral Communications

- **AGCM 3103** Written Communications in Agricultural Sciences and Natural Resources ³
- **AGCM 3203** Written Communications in Agricultural Sciences & Natural Resources (S)
- **SPCH 2713** Introduction to Speech Communication (S)
- **SPCH 3733** Elements of Persuasion (S)

### Hours Subtotal

- **19**

## Major Requirements

### Core Courses

- **ANSI 3423** Animal Genetics
- **ANSI 3433** Animal Breeding
- **ANSI 3443** Animal Reproduction
- **ANSI 3543** Principles of Animal Nutrition
- **ANSI 3653** Applied Animal Nutrition
- **ANSI 4863** Capstone for Animal Agriculture
- Select 5 hours of the following:
  - **ANSI 2112** Live Animal Evaluation
  - **ANSI 2233** The Meat We Eat
  - **ANSI 2253** Meat Animal and Carcass Evaluation
- Select 6 hours of the following:
  - **ANSI 4023** Poultry Science
  - **ANSI 4423** Horse Science
  - **ANSI 4543** Dairy Cattle Science
  - **ANSI 4553** Sheep Science
  - **ANSI 4613** Beef Cow-Calf Management
  - **ANSI 4633** Stocker and Feedlot Cattle Management
  - **ANSI 4643** Swine Science
  - **ANSI 4703** Equine Enterprise Management
  - **ANSI 4713** Beef Seedstock Management and Sales

### Additional Core Courses

- **ACCT 2103** Financial Accounting
- **ACCT 2003** Survey of Accounting
- **ACCT 2203** Managerial Accounting
- **FIN 2123** Personal Finance
- **AGEC 3423** Farm and Agribusiness Management
- **AGEC 3713** Agricultural Law
- **LSB 3213** Legal and Regulatory Environment of Business

**Hours Subtotal**: **40**
Select 12 upper-division hours of AGEC, EEE, ECON, FIN, MKTG, MGMT 12

Students pursuing a minor should consult their adviser when choosing classes in this section

Related Courses

Selected 8 hours from any upper-division courses from CASNR, SSB, MMJ or SC 8

Hours Subtotal 61

Electives

Select 0 hours or hours to complete required total for degree 0

Total Hours 120

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 and related courses increased
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 2025.