# Animal Science: Agricultural Education Double Major, BSAG

Requirements for Students Matriculating in or before Academic Year 2019-2020. 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: 133

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</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>3</td>
</tr>
</tbody>
</table>

Select one of the following:

- ENGL 1213 | Composition II                           | 3     |
- ENGL 1413 | Critical Analysis and Writing II         |       |
- ENGL 3323 | Technical Writing                        |       |

## General Education Requirements

### English Composition

See Academic Regulation 3.5 (http://catalog.okstate.edu/university-academic-regulations/#english-composition)

### American History & Government

Select one of the following:

- HIST 1103 | Survey of American History                | 3     |
- HIST 1483 | American History to 1865 (H)             |       |
- HIST 1493 | American History Since 1865 (DH)         |       |
- POLS 1113 | American Government                       | 3     |

### Analytical & Quantitative Thought (A)

- MATH 1483 | Mathematical Functions and Their Uses (A) | 3     |
- or MATH 1513 | College Algebra (A)                      |       |

Select one of the following:

- MATH 1613 | Trigonometry (A)                         | 3     |
- MATH 2103 | Business Calculus (A)                    |       |
- STAT 2013 | Elementary Statistics (A)               |       |
- STAT 2023 | Elementary Statistics for Business and Economics (A) | 3     |

### Humanities (H)

Courses designated (H)                          | 6     |

### Natural Sciences (N)

Must include one Laboratory Science (L) course

- BIOL 1114 | Introductory Biology (LN)               | 4     |

Any course designated (N)                          | 3     |

### Social & Behavioral Sciences (S)

- AGEC 1113 | Introduction to Agricultural Economics (S) | 3     |
- or ECON 2103 | Introduction to Microeconomics (S)      |       |

### Additional General Education

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

#### 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 2112 | Live Animal Evaluation                   | 2     |
- ANSI 2233 | The Meat We Eat                          | 3     |
- or ANSI 2253 | Meat Animal and Carcass Evaluation      |       |
- AST 3011 | Ag Structures                            | 1     |
- AST 3211 | Engines and Power                        | 1     |
- AST 3222 | Metals and Welding                       | 2     |
- AST 4101 | Ag Electrification                       | 1     |
- HORT 1013 | Principles of Horticultural Science (LN) | 3     |
- PLNT 1213 | Introduction to Plant and Soil Systems   | 3     |
- CHEM 1314 | Chemistry I (LN)                         | 4     |
- or CHEM 1215 | Chemical Principles I (LN)              |       |

### Written and Oral Communications

- AGCM 3103 | Written Communications in Agricultural Sciences and Natural Resources | 3     |
- or ENGL 3323 | Technical Writing                      |       |

Select one of the following:

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

Hours Subtotal                                     | 32    |

### Major Requirements

#### Core Courses

- ANSI 3242 | Advanced Livestock Evaluation            | 2     |
- or ANSI 3310 | Advanced Competitive Evaluation        |       |
- or ANSI 3222 | Advanced Equine Evaluation             |       |
- or ANSI 3232 | Advanced Meat Evaluation                |       |
- ANSI 3423 | Animal Genetics                         | 3     |
- ANSI 3433 | Animal Breeding                         | 3     |
- ANSI 3443 | Animal Reproduction                     | 3     |
- ANSI 3543 | Principles of Animal Nutrition          | 3     |
- ANSI 3653 | Applied Animal Nutrition                | 3     |
- ANSI 4863 | Capstone for Animal Agriculture         | 3     |

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     |       |
<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>NREM 2013</td>
<td>Ecology of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>SOIL 2124</td>
<td>Fundamentals of Soil Science (N)</td>
<td>4</td>
</tr>
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**Professional Agriculture Education Core**

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<tr>
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<tbody>
<tr>
<td>AGED 3101</td>
<td>Laboratory and Clinical Experiences in Agricultural Education</td>
<td>1</td>
</tr>
<tr>
<td>AGED 3103</td>
<td>Foundations and Philosophies of Teaching Agricultural Education</td>
<td>3</td>
</tr>
<tr>
<td>AGED 3203</td>
<td>Planning the Community Program in Agricultural Education</td>
<td>3</td>
</tr>
<tr>
<td>AGED 4103</td>
<td>Methods and Skills of Teaching and Management in Agricultural Education</td>
<td>3</td>
</tr>
<tr>
<td>AGED 4203</td>
<td>Professional Development in Agricultural Education</td>
<td>3</td>
</tr>
<tr>
<td>AGED 4200</td>
<td>Student Teaching in Agricultural Education</td>
<td>9</td>
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<tr>
<td>EPSY 3213</td>
<td>Psychology of Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>SPED 3202</td>
<td>Educating Exceptional Learners (D)</td>
<td>2</td>
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**Related Courses**

Select 1 hour of the following:

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<tr>
<td>AGEC, AST, FIN, NREM, ANSI, FDSC, PLNT, ENTO, MGMT, SOIL, EEE, MKTG</td>
<td>1</td>
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**Hours Subtotal**: 61 hours

**Electives**

Select 0 hours or hours to complete required total for degree

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**Total Hours**: 133 hours

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1. College & Departmental requirements that may be used to meet GE requirements.
2. If used as [N] course above, hours in this block reduced by 4.
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.
5. NOTE: AGED 4203 Professional Development in Agricultural Education, AGED 4200 Student Teaching in Agricultural Education are taken during teaching semester.

**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.