ANIMAL SCIENCE: BUSINESS, 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

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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**General Education Requirements**

*English Composition*

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

ENGL 1113  Composition I  3
or ENGL 1313  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

**American History & Government**

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

**Analytical & Quantitative Thought (A)**

MATH 1513  College Algebra (A) ¹  3
or MATH 1483  Mathematical Functions and Their Uses (A)  3

Select one of the following:  3

MATH 1613  Trigonometry (A) ¹  3
STAT 2013  Elementary Statistics (A) ¹  3
STAT 2023  Elementary Statistics for Business and Economics (A) ¹  3

**Humanities (H)**

Courses designated (H)  6

**Natural Sciences (N)**

Must include one Laboratory Science (L) course

BIOL 1114  Introductory Biology (LN) ¹  4

Any course designated (N)  3

**Social & Behavioral Sciences (S)**

AGEC 1113  Introduction to Agricultural Economics (S) ¹  3

**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*

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>AG 1011</td>
<td>First Year Seminar</td>
<td>1</td>
</tr>
<tr>
<td>PLNT 1213</td>
<td>Introduction to Plant and Soil Systems</td>
<td>3</td>
</tr>
<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>
</tbody>
</table>
or CHEM 1314 | Chemistry I (LN) | 4

**Written and Oral Communications**

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

Select one of the following:  ³

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

**Hours Subtotal**  19

**Major Requirements**

**Core Courses**

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 5 hours of the following:  5

ANSI 2112  Live Animal Evaluation
ANSI 2233  The Meat We Eat
ANSI 2253  Meat Animal and Carcass Evaluation

Select 6 hours of the following:  6

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  3
ACCT 2203  Managerial Accounting  3
AGEC 3423  Farm and Agribusiness Management  3
AGEC 3713  Agricultural Law  3
or LSB 3213  Legal and Regulatory Environment of Business  3

Select 12 upper-division hours of AGE, ECON, FIN, MKTG, MGMT

**Related Courses**

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

**Recommended courses:**
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANSI 3903</td>
<td>Agricultural Animals of the World (I) (or any course designated (I))</td>
</tr>
<tr>
<td>ANSI 3333</td>
<td>Meat Science</td>
</tr>
<tr>
<td>ANSI 3623</td>
<td>Livestock Behavior Handling</td>
</tr>
<tr>
<td>ANSI 4203</td>
<td>Rangeland and Pasture Utilization</td>
</tr>
<tr>
<td>ANSI 4803</td>
<td>Animal Growth and Performance</td>
</tr>
<tr>
<td>ANSI 4910</td>
<td>Animal Industry Internship</td>
</tr>
<tr>
<td>ECON 2103</td>
<td>Introduction to Microeconomics (S)</td>
</tr>
<tr>
<td>ECON 2203</td>
<td>Introduction to Macroeconomics</td>
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<tr>
<td>FIN 2123</td>
<td>Personal Finance</td>
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<tr>
<td>FIN 3113</td>
<td>Finance</td>
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<tr>
<td>MGMT 3013</td>
<td>Fundamentals of Management (S)</td>
</tr>
<tr>
<td>MKTG 3213</td>
<td>Marketing (S)</td>
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<tr>
<td>NREM 2013</td>
<td>Ecology of Natural Resources</td>
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<tr>
<td>NREM 3613</td>
<td>Principles of Rangeland Management</td>
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<tr>
<td>SOIL 2124</td>
<td>Fundamentals of Soil Science (N)</td>
</tr>
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No more than 3 hours from ANSI 4900

**Hours Subtotal**

| Hours | 61 |

**Electives**

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

**Total Hours**

| 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 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 2024.