ANIMAL SCIENCE: PRODUCTION, 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>
<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></td>
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<tr>
<td>Select one of the following:</td>
<td>3</td>
<td></td>
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<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td></td>
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<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td></td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
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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
or MATH 1483  Mathematical Functions and Their Uses (A)
Select one of the following: 3

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) 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) 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>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<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>ANSI 2112</td>
<td>Live Animal Evaluation</td>
<td>2</td>
</tr>
<tr>
<td>ANSI 2253</td>
<td>Meat Animal and Carcass Evaluation</td>
<td>3</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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</tr>
</tbody>
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Additional Requirements

CHEM 1225  Chemical Principles II (LN) 2
or CHEM 1515  Chemistry II (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: 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 29

Major Requirements

Core Courses

ACCT 2103  Financial Accounting 3
AGEC 3423  Farm and Agribusiness Management 3
or AGEC 3403  Agricultural Small Business Management
ANSI 3333  Meat Science 3
or FDSC 3603  Processing Dairy Foods
ANSI 3423  Animal Genetics 3
ANSI 3433  Animal Breeding 3
ANSI 3443  Animal Reproduction 3
ANSI 3543  Principles of Animal Nutrition 3
ANSI 3623  Livestock Behavior Handling 3
ANSI 3653  Applied Animal Nutrition 3
ANSI 4803  Animal Growth and Performance 3
ANSI 4863  Capstone for Animal Agriculture 3
ENTO 3003  Livestock Entomology 3
Select 9 hours of the following: 9

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

Related Courses

Select 6 hours of the following: 6

ANSI 3903  Agricultural Animals of the World (I) (or any course designated (I))
ANSI 4910  Animal Industry Internship
<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>AGEC 3713</td>
<td>Agricultural Law</td>
</tr>
<tr>
<td>or LSB 3213</td>
<td>Legal and Regulatory Environment of Business</td>
</tr>
<tr>
<td>AST 1413</td>
<td>Introduction to Engineering in Agriculture</td>
</tr>
<tr>
<td>PLNT 2013</td>
<td>Applied Plant Science</td>
</tr>
<tr>
<td>SOIL 2124</td>
<td>Fundamentals of Soil Science (N)</td>
</tr>
<tr>
<td>BIOL 3204</td>
<td>Physiology</td>
</tr>
<tr>
<td>AGEC, ANSI, AST, ENTO, EEE, FIN, MGMT, MKTG, NREM, PLNT, SOIL</td>
<td></td>
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**Hours Subtotal**  
51

**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.
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. No more than 3 hours from ANSI 4900 Special Problems.

**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.