AGRICULTURE: PRE-VETERINARY BUSINESS MANAGEMENT, BSAG

Requirements for Students Matriculating in or before Academic Year 2023-2024. 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>
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<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
</tr>
<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
</tr>
<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
</tr>
</tbody>
</table>

American History & Government
Select one of the following:
- 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)
Select one of the following:
- MATH 2103: Business Calculus (A)^1,5
- MATH 2123: Calculus for Technology Programs I (A)^1,5
- MATH 2144: Calculus I (A)^1,5
- STAT 2023: Elementary Statistics for Business and Economics (A) (or equivalent STAT course designated A)^1,5

Humanities (H)
Courses designated (H)
- BIOL 1113: Introductory Biology (N)
- BIOL 1111: Introductory Biology Laboratory (LN)
- CHEM 1314: Chemistry I (LN)^1
- CHEM 1515: Chemistry II (LN)
- AGEC 1113: Introduction to Agricultural Economics (S)^1,5

Social & Behavioral Sciences (S)
- AGCM 3103: Written Communications in Agricultural Sciences and Natural Resources
- AGCM 3113: Writing and Editing for Agricultural Publications
- BCOM 3113: Written Communication
- BCOM 3443: Business Communication for International Students
- ENGL 3323: Technical Writing

Natural Sciences (N)
Must include one Laboratory Science (L) course
- BIOL 1111: Introductory Biology (N)
- CHEM 1314: Chemistry I (LN)
- CHEM 1515: Chemistry II (LN)

Additional General Education
Courses designated (A), (H), (N), or (S)

Hours Subtotal: 40

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
- From two of the following groups, select one course: 2^6
  - Group 1:
    - PLNT 1213: Introduction to Plant and Soil Systems
    - HORT 1013: Principles of Horticultural Science (LN)
    - NREM 1113: Elements of Forestry
  - Group 2:
    - SOIL 1113: Land, Life and the Environment (N)
    - SOIL 2124: Fundamentals of Soil Science (N)
  - Group 3:
    - ANSI 1124: Introduction to the Animal Sciences
    - FDSC 1133: Fundamentals of Food Science
    - ENTO 2993: Introduction to Entomology (LN)
    - ENTO 3003: Livestock Entomology
  - Group 4:
    - NREM 1014: Introduction to Natural History (LN)
    - NREM 2013: Ecology of Natural Resources
    - NREM 3013: Applied Ecology and Conservation
    - ENVR 1113: Elements of Environmental Science (N)
    - BIOC 2344: Chemistry and Applications of Biomolecules
    - BIOC 3713: Biochemistry I
    - LA 1013: Introduction to Landscape Architecture

Written & Oral Communications
Select one of the following:
- AGCM 3203: Oral Communications in Agricultural Sciences & Natural Resources
- SPCH 2713: Introduction to Speech Communication
- SPCH 3733: Elements of Persuasion

Hours Subtotal: 13

Major Requirements

Core Courses
Select one of the following options:
- ACCT 2003: Survey of Accounting
- ACCT 2103: Financial Accounting
- ACCT 2203: and Managerial Accounting
- AGEC 1101: Agricultural Economics and Agribusiness Experience

Hours Subtotal: 1
### Agribusiness: Pre-Veterinary Business Management, BSAG

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 3101</td>
<td>Professional Career Development</td>
<td>1</td>
</tr>
<tr>
<td>AGEC 3213</td>
<td>Quantitative Methods in Agricultural Economics</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 3333</td>
<td>Agricultural Marketing and Price Analysis</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 3423</td>
<td>Farm and Agribusiness Management</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 3603</td>
<td>Agricultural Finance</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 3713</td>
<td>Agricultural Law</td>
<td>3</td>
</tr>
<tr>
<td>ANSI 3423</td>
<td>Animal Genetics or BIOL 3023</td>
<td>3</td>
</tr>
<tr>
<td>ANSI 3543</td>
<td>Principles of Animal Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>BIOC 3653</td>
<td>Survey of Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select 5 hours of upper division organic chemistry:</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 3013</td>
<td>Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td>or CHEM 3053</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>or CHEM 3153</td>
<td>and Organic Chemistry II</td>
<td></td>
</tr>
<tr>
<td>or CHEM 3112</td>
<td>and Organic Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td>Micr 2123</td>
<td>Introduction to Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>Micr 2132</td>
<td>Introduction to Microbiology Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>Phys 1114</td>
<td>College Physics I (LN)</td>
<td>4</td>
</tr>
<tr>
<td>Phys 1214</td>
<td>College Physics II (LN)</td>
<td>4</td>
</tr>
<tr>
<td>Biol 1604</td>
<td>Animal Biology</td>
<td>4</td>
</tr>
<tr>
<td>or Biol 3204</td>
<td>Physiology</td>
<td></td>
</tr>
<tr>
<td>or ANSI 3414</td>
<td>Form and Function of Livestock and Poultry</td>
<td></td>
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**Alternatives**

Choose one of two alternatives (p. 2)

<table>
<thead>
<tr>
<th>Hours Subtotal</th>
<th>16</th>
</tr>
</thead>
</table>

**Electives**

0 hours to complete required total for degree

<table>
<thead>
<tr>
<th>Total Hours</th>
<th>120</th>
</tr>
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</table>

1. College & Departmental requirements that may be used to meet General Education requirements.

2. Course cannot be used here and as an (N).

3. If ENGL 323 Technical Writing is substituted for ENGL 1213 Composition II above; hours in this block are reduced by 3.

4. MATH 1483 Mathematical Functions and Their Uses (A) or MATH 1513 College Algebra (A) may need to be taken as prerequisite to required Calculus course.

5. Hours meeting the Major core.

### Other Requirements

- Exit interview with Head of Department of Agricultural Economics.
- 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 2029.

### II. Without First Year of Professional Program

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 4403</td>
<td>Advanced Farm and Ranch Management or AGEC 4423 Advanced Agribusiness Management</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2203</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
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<tr>
<td>ECON 3113</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>or ECON 3023</td>
<td>Managerial Economics</td>
<td></td>
</tr>
<tr>
<td>6 additional hours from AGEC 4000-level excluding AGEC 4990</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>1 additional hour</td>
<td>1</td>
<td></td>
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</tbody>
</table>

### Alternatives

#### I. First Year of Professional Program

With the approval of the advisor, department head, and dean the student may use hours from an accredited dental, medical, optometry, osteopathic, pharmacy, podiatry, or veterinary medical school to complete degree.

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