# AGRIBUSINESS: PRE-VETERINARY BUSINESS MANAGEMENT, 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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<tbody>
<tr>
<td></td>
<td><strong>General Education Requirements</strong></td>
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<tr>
<td></td>
<td><em>English Composition</em></td>
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<td></td>
<td>See Academic Regulation 3.5 (<a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition">http://catalog.okstate.edu/university-academic-regulations/#english-composition</a>)</td>
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<tr>
<td></td>
<td>ENGL 1113 Composition I</td>
<td>3</td>
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<tr>
<td></td>
<td>or ENGL 1313 Critical Analysis and Writing I</td>
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<td>Select one of the following:</td>
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<tr>
<td></td>
<td>ENGL 1213 Composition II</td>
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<tr>
<td></td>
<td>ENGL 1413 Critical Analysis and Writing II</td>
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<tr>
<td></td>
<td>ENGL 3323 Technical Writing</td>
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<tr>
<td></td>
<td><em>American History &amp; Government</em></td>
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<td>Select one of the following:</td>
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<tr>
<td></td>
<td>HIST 1103 Survey of American History</td>
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<td></td>
<td>HIST 1483 American History to 1865</td>
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<td>HIST 1493 American History Since 1865</td>
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<td>POLS 1113 American Government</td>
<td>3</td>
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<td></td>
<td><em>Analytical &amp; Quantitative Thought (A)</em></td>
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<td>Select one of the following:</td>
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<tr>
<td></td>
<td>MATH 2103 Business Calculus (A)</td>
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<td>MATH 2123 Calculus for Technology Programs I (A)</td>
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<td>MATH 2144 Calculus I (A)</td>
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<td>STAT 2023 Elementary Statistics for Business and Economics (A) (or equivalent STAT course designated A)</td>
<td>3</td>
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<td></td>
<td><em>Humanities (H)</em></td>
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<td></td>
<td>Courses designated (H)</td>
<td>6</td>
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<td></td>
<td><em>Natural Sciences (N)</em></td>
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<td>Must include one Laboratory Science (L) course</td>
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<td></td>
<td>BIOL 1114 Introductory Biology (LN)</td>
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<td>CHEM 1314 Chemistry I (LN)</td>
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<td>CHEM 1515 Chemistry II (LN)</td>
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<td></td>
<td><em>Social &amp; Behavioral Sciences (S)</em></td>
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<td></td>
<td>AGEC 1113 Introduction to Agricultural Economics (S)</td>
<td>3</td>
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<td></td>
<td><em>Additional General Education</em></td>
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<td></td>
<td>Courses designated (A), (H), (N), or (S)</td>
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<td><strong>Hours Subtotal</strong></td>
<td>40</td>
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<td>Diversity (D) &amp; International Dimension (I)</td>
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<td>May be completed in any part of the degree plan</td>
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<td>Select at least one Diversity (D) course</td>
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Select at least one International Dimension (I) course

### College/Departmental Requirements

**Agricultural Sciences and Natural Resources**

- AG 1011 First Year Seminar 1
- From two of the following groups, select one course: 2
- **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
  - ENVR 1113 Elements of Environmental Science
  - BIOC 2344 Chemistry and Applications of Biomolecules
  - BIOC 3713 Biochemistry I
  - LA 1013 Introduction to Landscape Architecture and Landscape Management

### Written & Oral Communications

- Select one of the following: 3
  - AGCM 3103 Written Communications in Agricultural Sciences and Natural Resources
  - BCOM 3113 Written Communication
  - BCOM 3443 Business Communication for International Students
  - ENGL 3323 Technical Writing 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

13

### Major Requirements

#### Core Courses

- ACCT 2103 Financial Accounting 3
- AGEC 1101 Agricultural Economics and Agribusiness Experience 1
- AGEC 3101 Professional Career Development 1
- AGEC 3213 Quantitative Methods in Agricultural Economics 3
- AGEC 3333 Agricultural Marketing and Price Analysis 3
- AGEC 3423 Farm and Agribusiness Management 3
- AGEC 3603 Agricultural Finance 3
- AGEC 3713 Agricultural Law 3
- ANSI 3423 Animal Genetics 3
or BIOL 3023 General Genetics
or PLNT 3554 Plant Genetics and Biotechnology
ANSI 3543 Principles of Animal Nutrition 3
BIOC 3653 Survey of Biochemistry 3
CHEM 3015 Survey of Organic Chemistry (or) 5
CHEM 3053 Organic Chemistry I (and)
CHEM 3153 Organic Chemistry II (and)
CHEM 3112 Organic Chemistry Laboratory
MICR 2123 Introduction to Microbiology 3
MICR 2132 Introduction to Microbiology Laboratory 2
PHYS 1114 College Physics I (LN) 4
PHYS 1214 College Physics II (LN) 4
BIOL 1604 Animal Biology 4
or BIOL 3204 Physiology
or ANSI 3414 Form and Function of Livestock and Poultry

Alternatives
Choose one of two alternatives (p. 2) 16

Hours Subtotal 67

Electives
0 hours to complete required total for degree 4

Total Hours 120

1. College & Departmental requirements that may be used to meet GE requirements.
2. Course cannot be used here and as an (N).
3. If ENGL 3323 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.

Additional State/OSU 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.

I. First Year of Professional Program
With the approval of the adviser, 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

II. Without First Year of Professional Program

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