AGRIBUSINESS: PRE-VETERINARY BUSINESS MANAGEMENT, BSAG

Requirements for Students Matriculating in or before Academic Year 2017-2018. 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

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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:

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

**American History & Government**

Select one of the following:

- HIST 1103  Survey of American History  3
- HIST 1483  American History to 1865  3
- HIST 1493  American History Since 1865  3
- POLS 1113  American Government  3

**Analytical & Quantitative Thought (A)**

Select one of the following:

- MATH 2103  Business Calculus (A)  3
- MATH 2123  Calculus for Technology Programs I (A)  3
- MATH 2144  Calculus I (A)  3

- STAT 2023  Elementary Statistics for Business and Economics (A) (or equivalent STAT course designated (A))  3

**Humanities (H)**

Courses designated (H)  6

**Natural Sciences (N)**

Must include one Laboratory Science (L) course

- BIOL 1114  Introductory Biology (LN)  1
- CHEM 1314  General Chemistry (LN)  1
- CHEM 1515  General Chemistry (LN)  1

**Social & Behavioral Sciences (S)**

- AGEC 1113  Introduction to Agricultural Economics (S)  3

**Additional General Education**

Courses designated (A), (H), (N), or (S)  0

**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

From two of the following groups, select one course: 2  6

**Group 1:**
- PLNT 1213  Introduction to Plant and Soil Systems  3
- HORT 1013  Principles of Horticultural Science (LN)  3
- NREM 1113  Elements of Forestry

**Group 2:**
- SOIL 1113  Land, Life and the Environment (N)  3
- SOIL 2124  Fundamentals of Soil Science (N)  3

**Group 3:**
- ANSI 1124  Introduction to the Animal Sciences  3
- FDSC 1133  Fundamentals of Food Science  3
- ENTO 2993  Introduction to Entomology (LN)  3
- ENTO 3003  Livestock Entomology

**Group 4:**
- NREM 1014  Introduction to Natural History (LN)  3
- NREM 2013  Ecology of Natural Resources  3
- ENVR 1113  Elements of Environmental Science  3
- BIOC 2344  Chemistry and Applications of Biomolecules  3
- BIOC 3713  Biochemistry I  3
- 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  3
- BCOM 3113  Written Communication  3
- BCOM 3443  Business Communication for International Students  3
- 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)  3

**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

Select one of the following: 3
### Agribusiness: Pre-Veterinary Business Management, BSAG

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ANSI 3423</td>
<td>Animal Genetics</td>
<td></td>
</tr>
<tr>
<td>BIOL 3023</td>
<td>General Genetics</td>
<td></td>
</tr>
<tr>
<td>PLNT 3554</td>
<td>Plant Genetics and Biotechnology</td>
<td></td>
</tr>
<tr>
<td>ANSI 3543</td>
<td>Principles of Animal Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3653</td>
<td>Survey of Biochemistry</td>
<td>3</td>
</tr>
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<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>CHEM 3015</td>
<td>The Chemistry of Organic Compounds (or)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 3053</td>
<td>Organic Chemistry (and)</td>
<td></td>
</tr>
<tr>
<td>CHEM 3153</td>
<td>Organic Chemistry (and)</td>
<td></td>
</tr>
<tr>
<td>CHEM 3112</td>
<td>Organic Chemistry Lab</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>General Physics (LN)</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1214</td>
<td>General Physics (LN)</td>
<td>4</td>
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<tr>
<td>BIOL 1604</td>
<td>Animal Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3204</td>
<td>Physiology</td>
<td></td>
</tr>
<tr>
<td>ANSI 3414</td>
<td>Form and Function of Livestock and Poultry</td>
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**Alternatives**

Choose one of two alternatives (p. 2)  

| Hours Subtotal | 67 |

**Electives**

0 hours or hours to complete required total for degree  

| 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.

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### 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 2023.

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### Alternatives

**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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<tbody>
<tr>
<td>AGEC 4403</td>
<td>Advanced Farm and Ranch Management</td>
<td>3</td>
</tr>
<tr>
<td>or AGEC 4423</td>
<td>Advanced Agribusiness Management</td>
<td></td>
</tr>
<tr>
<td>ECON 2203</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
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<tr>
<td>ECON 3113</td>
<td>Intermediate Microeconomics</td>
<td></td>
</tr>
<tr>
<td>ECON 3023</td>
<td>Managerial Economics</td>
<td></td>
</tr>
<tr>
<td>ECON 3123</td>
<td>Intermediate Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>ECON 3313</td>
<td>Money and Banking</td>
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6 additional hours from AGEC 4000 level excluding AGEC 4990  
1 additional hour