**AGRIBUSINESS: PRE-VETERINARY BUSINESS MANAGEMENT, BSAG**

Requirements for Students Matriculating in or before Academic Year 2019-2020. Learn more about University Academic Regulation 3.1 [here](http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<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>
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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 (H)             |       |
- HIST 1493 | American History Since 1865 (DH)        |       |
- POLS 1113 | American Government                       | 3     |

**Analytical & Quantitative Thought (A)**

Select one of the following: 3
- MATH 2103 | Business Calculus (A)                   |       |
- MATH 2123 | Calculus for Technology Programs I (A)   |       |
- MATH 2144 | Calculus I (A)                           |       |

**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)**

13

Must include one Laboratory Science (L) course
- BIOL 1114 | Introductory Biology (LN)                |       |
- CHEM 1314 | Chemistry I (LN)                         |       |
- CHEM 1515 | Chemistry II (LN)                        |       |

**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: 6
  - **Group 1:**
    - PLNT 1213 | Introduction to Plant and Soil Systems   |       |
    - HORT 1013 | Principles of Horticultural Science (LN)|       |
    - NRE 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        |       |
    - 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     |

**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                    |       |

**Hours Subtotal** 13

**Major Requirements**

**Core Courses**

- ACCT 2103 | Financial Accounting                       | 3     |
  or ACCT 2003 | Survey of Accounting                      |       |
- AGEC 1101 | Agricultural Economics and Agribusiness Experience | 1     |
- AGEC 3101 | Professional Career Development           | 1     |
- AGEC 3213 | Quantitative Methods in Agricultural Economics |       |
- 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
BIOL 3653  Survey of Biochemistry  3

Select 5 hours of upper division organic chemistry:


or

CHEM 3053 & CHEM 3153 & CHEM 3112  Organic Chemistry I and Organic Chemistry II and Organic Chemistry Laboratory  3
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

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 2025.

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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<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>
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<tr>
<td>ECON 2203</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
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<td>3</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>
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<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></td>
<td>1</td>
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