# AGRICULTURAL EDUCATION: MULTIDISCIPLINARY, BSAG

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 ([http://catalog.okstate.edu/university-academic-regulations/#matriculation](http://catalog.okstate.edu/university-academic-regulations/#matriculation)).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</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>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td></td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td></td>
</tr>
</tbody>
</table>

## General Education Requirements

### English Composition

See Academic Regulation 3.5 ([http://catalog.okstate.edu/university-academic-regulations/#english-composition](http://catalog.okstate.edu/university-academic-regulations/#english-composition))

ENGL 1113 Composition I 3
or ENGL 1313 Critical Analysis and Writing I

Select one of the following:

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

### 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)

MATH (A) or STAT (A) 1
(Suggested: MATH 1483 or MATH 1493 or MATH 1513)

### Humanities (H)

Courses designated (H) 6

### Natural Sciences (N)

CHEM 1314 Chemistry I (LN) 2
or CHEM 1215 Chemical Principles I (LN)

Any course designated (N) 3

### Social & Behavioral Sciences (S)

AGEC 1113 Introduction to Agricultural Economics (S) 2 3

SPCH 2713 Introduction to Speech Communication (S) 2

or AGCM 3203 Oral Communications in Agricultural Sciences & Natural Resources (S)

### Additional General Education

Courses designated (A), (H), (N), or (S) 3 6

### Hours Subtotal

Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course (included in Major Requirements)

Select at least one International Dimension (I) course (included in Major Requirements)

College/Departmental Requirements

## Agricultural Sciences and Natural Resources

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 1011</td>
<td>First Year Seminar</td>
<td>1</td>
</tr>
<tr>
<td>ANSI 1124</td>
<td>Introduction to the Animal Sciences</td>
<td>4</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDSC 1133</td>
<td>Fundamentals of Food Science</td>
<td>3</td>
</tr>
<tr>
<td>FDSC 2233</td>
<td>The Meat We Eat</td>
<td></td>
</tr>
<tr>
<td>FDSC 2253</td>
<td>Meat Animal and Carcass Evaluation</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
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<td></td>
</tr>
<tr>
<td>HORT 1013</td>
<td>Principles of Horticultural Science (LN)</td>
<td>3</td>
</tr>
<tr>
<td>HORT 3084</td>
<td>Plant Propagation</td>
<td></td>
</tr>
<tr>
<td>HORT 3113</td>
<td>Greenhouse Management</td>
<td></td>
</tr>
<tr>
<td>AST 3011</td>
<td>Ag Structures</td>
<td>1</td>
</tr>
<tr>
<td>AST 3211</td>
<td>Engines and Power</td>
<td>1</td>
</tr>
<tr>
<td>AST 3222</td>
<td>Metals and Welding</td>
<td>2</td>
</tr>
<tr>
<td>AST 4101</td>
<td>Ag Electrification</td>
<td>1</td>
</tr>
<tr>
<td>NREM 2013</td>
<td>Ecology of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>PLNT 1213</td>
<td>Introduction to Plant and Soil Systems</td>
<td>3</td>
</tr>
<tr>
<td>SOIL 2124</td>
<td>Fundamentals of Soil Science (N)</td>
<td>4</td>
</tr>
</tbody>
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## Biological Sciences

Select four hours from the following:

- BIOL 1113 Introductory Biology (N)
- BIOL 1111 Introductory Biology Laboratory (LN) 4
- BIOL 1114 Introductory Biology (LN) 4

### Written & Oral Communications

- AGCM 3103 Written Communications in Agricultural Sciences and Natural Resources 3
- or ENGL 3323 Technical Writing

## Hours Subtotal 33

## Major Requirements

### Enrichment Courses

To include courses from four of the following areas: 12

- Agricultural Communications
- Agricultural Economics
- Agricultural Education
- Agricultural Leadership
- Animal Science
- Biochemistry
- Entomology
- Forestry
- Horticulture
- Mechanized Agriculture
- Natural Resource Ecology and Management
- Plant Pathology
- Plant Science
- Soil Science

### International Agriculture

Select one of the following: 3

- AGED 4713 International Programs in Agricultural Education and Extension (I)
- AGLE 3803 Global Leadership in Agriculture (I)
- ANSI 3903 Agricultural Animals of the World (I)
- AECL 4800 International Study Tour in Agricultural Education, Communications and Leadership (I)

### Professional Core

<table>
<thead>
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<th>Hours</th>
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<tbody>
<tr>
<td>AGED 3101</td>
<td>Laboratory and Clinical Experiences in Agricultural Education</td>
<td>1</td>
</tr>
<tr>
<td>AGED 3103</td>
<td>Foundations and Philosophies of Teaching Agricultural Education</td>
<td>3</td>
</tr>
<tr>
<td>AGED 3203</td>
<td>Advising Agricultural Student Organizations and Supervising Experiential Learning</td>
<td>3</td>
</tr>
</tbody>
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### Required for Graduation and Recommendation for Licensure/Standard Certification

1. 2.50 overall GPA;
2. 2.50 GPA in Major Requirements; and
3. 2.50 GPA in Professional Requirements.

The student must earn minimum grades of “C” in each course in the College/Departmental Requirements, Major Requirements, Professional Core Requirements, and demonstrate proficiency in a foreign language (i.e., a grade of “C” or better or completion of two years of the same foreign language in high school with a “B” average or better).

### 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.