PLANT AND SOIL SCIENCES: AGRONOMIC BUSINESS, 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>
<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>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
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<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>3</td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td></td>
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</tbody>
</table>

American History & Government
Select one of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1103</td>
<td>Survey of American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1483</td>
<td>American History to 1865 (H)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1493</td>
<td>American History Since 1865 (DH)</td>
<td>3</td>
</tr>
<tr>
<td>POLS 1113</td>
<td>American Government</td>
<td>3</td>
</tr>
</tbody>
</table>

Analytical & Quantitative Thought (A)
STAT 2013 | Elementary Statistics (A) | 3 |

Humanities (H)
Courses designated (H) 6

Natural Sciences (N)
Must include one Laboratory Science (L) course
CHEM 1314 | Chemistry I (LN) | 4 |
| or CHEM 1215 | Chemical Principles I (LN) | 4 |

Course designated (N) 3

Social & Behavioral Sciences (S)
AGEC 1113 | Introduction to Agricultural Economics (S) | 3 |

Additional General Education
Courses designated (A), (H), (N), or (S) 9

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 Requirements
AG 1011 | First Year Seminar | 1 |
| ENTO 2993 | Introduction to Entomology (LN) | 3 |

Departmental Requirements
Select one of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGCM 3103</td>
<td>Written Communications in Agricultural Sciences and Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 3113</td>
<td>Written Communication</td>
<td></td>
</tr>
<tr>
<td>BCOM 3443</td>
<td>Business Communication for International Students</td>
<td></td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>AGCM 3203</td>
<td>Oral Communications in Agricultural Sciences &amp; Natural Resources (S)</td>
<td></td>
</tr>
<tr>
<td>SPCH 2713</td>
<td>Introduction to Speech Communication (S)</td>
<td></td>
</tr>
<tr>
<td>SPCH 3733</td>
<td>Elements of Persuasion (S)</td>
<td>3</td>
</tr>
<tr>
<td>PLNT 1213</td>
<td>Introduction to Plant and Soil Systems</td>
<td>3</td>
</tr>
<tr>
<td>PLNT 2041</td>
<td>Career Development in Plant and Soil Sciences</td>
<td>1</td>
</tr>
<tr>
<td>PLNT 4033</td>
<td>Applied Agricultural Meteorology</td>
<td>3</td>
</tr>
<tr>
<td>PLNT 4080</td>
<td>Professional Internship</td>
<td>3</td>
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<tr>
<td>or PLNT 4990</td>
<td>Senior Thesis in Plant and Soil Sciences</td>
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<tr>
<td>PLNT 4571</td>
<td>Professional Preparation in Plant and Soil Sciences</td>
<td>1</td>
</tr>
<tr>
<td>SOIL 2124</td>
<td>Fundamentals of Soil Science (N)</td>
<td>4</td>
</tr>
<tr>
<td>SOIL 4234</td>
<td>Soil Nutrient Management</td>
<td>4</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>MATH 1513</td>
<td>College Algebra (A)</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2103</td>
<td>Business Calculus (A)</td>
<td></td>
</tr>
<tr>
<td>MATH 2144</td>
<td>Calculus I (A)</td>
<td></td>
</tr>
<tr>
<td>BIOL 1113 &amp; BIOL 1111</td>
<td>Introductory Biology (N) &amp; Introductory Biology Laboratory (LN)</td>
<td>4</td>
</tr>
<tr>
<td>or BIOL 1114</td>
<td>Introductory Biology (LN)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1515 or CHEM 1225</td>
<td>Chemistry II (LN)</td>
<td>5</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3013 &amp; CHEM 3012</td>
<td>Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOC 2344</td>
<td>Chemistry and Applications of Biomolecules</td>
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</tr>
<tr>
<td>PHYS 1014</td>
<td>Descriptive Physics (N)</td>
<td></td>
</tr>
</tbody>
</table>

Hours Subtotal 45

Major Requirements

Core Courses
PLNT 2013 | Applied Plant Science | 3 |
One hour from:
| PLNT 3011 | Crops of Oklahoma | 1 |
| OR | |
| PLNT 3012 | Crops of Oklahoma | |
| PLNT 4013 | Principles of Weed Science | 3 |
| ANSI 4203 | Rangeland and Pasture Utilization | 3 |
| or NREM 4603 | Rangeland and Pasture Utilization | |
| PLNT 4443 | Cropping Systems | 3 |
| SOIL 4213 | Precision Agriculture | 3 |
| AGEC 3323 | Agricultural Product Marketing and Sales | 3 |
| AGEC 3713 | Agricultural Law | 3 |
| ACCT 2103 | Financial Accounting | 3 |
| or ACCT 2003 | Survey of Accounting | 3 |
| or AGEC 3183 | Agribusiness Accounting and Taxation | |
Related Courses
Select 10 hours of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 3213</td>
<td>Quantitative Methods in Agricultural Economics</td>
</tr>
<tr>
<td>AGEC 3333</td>
<td>Agricultural Marketing and Price Analysis</td>
</tr>
<tr>
<td>AGEC 3403</td>
<td>Agricultural Small Business Management</td>
</tr>
<tr>
<td>AGEC 3463</td>
<td>Agricultural Cooperatives</td>
</tr>
<tr>
<td>AGEC 3503</td>
<td>Natural Resource Economics</td>
</tr>
<tr>
<td>AGEC 3603</td>
<td>Agricultural Finance</td>
</tr>
<tr>
<td>AGEC 3703</td>
<td>Issues in Agricultural Policy</td>
</tr>
<tr>
<td>AGEC 4333</td>
<td>Commodity Futures Markets</td>
</tr>
<tr>
<td>AGEC 4403</td>
<td>Advanced Farm and Ranch Management</td>
</tr>
<tr>
<td>AGEC 4423</td>
<td>Advanced Agribusiness Management</td>
</tr>
<tr>
<td>AGEC 4503</td>
<td>Environmental Economics and Resource Development</td>
</tr>
<tr>
<td>AGEC 4513</td>
<td>Farm Appraisal</td>
</tr>
<tr>
<td>AGEC 4703</td>
<td>American Agricultural Policy</td>
</tr>
<tr>
<td>ECON 3033</td>
<td>Economics of Entrepreneurship and Innovation</td>
</tr>
<tr>
<td>PBIO 1404</td>
<td>Plant Biology (LN)</td>
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<tr>
<td>PLNT 2011</td>
<td>Agronomic Problem Solving</td>
</tr>
<tr>
<td>PLNT 4123</td>
<td>Plant-Environment Interactions</td>
</tr>
<tr>
<td>PLNT 4470</td>
<td>Problems and Special Study</td>
</tr>
<tr>
<td>PLNT 4573</td>
<td>Bioenergy Feedstock Production</td>
</tr>
</tbody>
</table>

Hours Subtotal: 35

Electives
Select 0 hours or hours to complete required total for degree

Total Hours: 120

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

2. If ENGL 3323 Technical Writing is used to satisfy ENGL 1213 Composition II above; hours in this block are reduced by 3.

3. If used as (S) course above, hours in this block reduced by 3.

4. If used as (A) course above, hours in this block reduced by 3.

5. If used as (N) course above, hours in this block reduced by 5.

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.

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.