AGRICULTURAL SYSTEMS TECHNOLOGY, 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).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
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<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
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<tr>
<td>ENGL 1213</td>
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<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
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<td>Technical Writing</td>
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<tr>
<td>HIST 1103</td>
<td>Survey of American History</td>
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<tr>
<td>HIST 1483</td>
<td>American History to 1865 (H)</td>
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<td>HIST 1493</td>
<td>American History Since 1865 (DH)</td>
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<td>POLS 1113</td>
<td>American Government</td>
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<tr>
<td>MATH 2123</td>
<td>Calculus for Technology Programs I (A)</td>
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<tr>
<td>or MATH 2103</td>
<td>Business Calculus (A)</td>
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<td>STAT 2013</td>
<td>Elementary Statistics (A)</td>
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<td>or STAT 2023</td>
<td>Elementary Statistics for Business and Economics (A)</td>
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<tr>
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<tr>
<td>AGCM 3103</td>
<td>Written Communications in Agricultural Sciences and Natural Resources</td>
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<td>BCOM 3113</td>
<td>Written Communication</td>
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<td>CHEM 1314</td>
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Hours Subtotal: 18

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<td>AST 1413</td>
<td>Introduction to Engineering in Agriculture</td>
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<td>AST 2313</td>
<td>Surveying</td>
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<td>AST 3102</td>
<td>Principles of Agricultural Electrification</td>
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<td>AST 4213</td>
<td>Safety and Health in Agriculture</td>
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<td>AST 4203</td>
<td>Agricultural Water Management</td>
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<td>AST 4303</td>
<td>Automation, Sensors and Controls for Agricultural Systems</td>
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<td>AST 4013</td>
<td>Capstone for Agricultural Systems Technology</td>
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<td>AGEC 3213</td>
<td>Quantitative Methods in Agricultural Economics</td>
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<tr>
<td>AGEC 3423</td>
<td>Farm and Agribusiness Management</td>
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<tr>
<td>or MGMT 3013</td>
<td>Fundamentals of Management (S)</td>
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<td>Select from one of the following pairs of courses:</td>
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<tr>
<td>ACCT 2103</td>
<td>Financial Accounting</td>
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<td>ACCT 2203</td>
<td>Managerial Accounting</td>
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<td>OR</td>
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<td>ACCT 2003</td>
<td>Survey of Accounting</td>
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<td>ACCT 3004</td>
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Technical Agriculture Electives
Select 21 hours from the following: 21

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<tr>
<td>ANSI 1124</td>
<td>Introduction to the Animals Sciences</td>
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<td>ANSI 2112</td>
<td>Live Animal Evaluation</td>
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<td>ANSI 2123</td>
<td>Livestock Feeding</td>
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<td>ANSI 2253</td>
<td>Meat Animal and Carcass Evaluation</td>
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<td>ANSI 3333</td>
<td>Meat Science</td>
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<td>ANSI 3423</td>
<td>Animal Genetics</td>
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<td>ENTO 2003</td>
<td>Insects and Society (N)</td>
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<tr>
<td>ENTO 2143</td>
<td>Global Agricultural Biosecurity and Forensics</td>
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<td>ENTO 2223</td>
<td>Insects in Global Public Health (N)</td>
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<td>Introduction to Entomology (LN)</td>
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<td>ENTO 3003</td>
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<tr>
<td>ENTO 3021</td>
<td>Postharvest, Structural, and Urban Arthropod Pests</td>
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<td>ENTO 3331</td>
<td>Insect Pests of Agronomic Crops</td>
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<td>ENTO 3421</td>
<td>Horticultural Insects</td>
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<td>ENTO 3461</td>
<td>Insects in Forest Ecosystems</td>
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<td>Quality Control</td>
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<td>FDSC 3123</td>
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<td>FDSC 3154</td>
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<td>FDSC 3133</td>
<td>Plant Sanitation for Food Processing Operations</td>
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<td>HORT 2513</td>
<td>Herbaceous Plant Materials</td>
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<td>Woody Plant Materials</td>
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<td>HORT 3084</td>
<td>Plant Propagation</td>
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<td>Greenhouse Management</td>
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<td>HORT 3153</td>
<td>Turf Management</td>
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<td>HORT 3213</td>
<td>Fruit and Nut Production</td>
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<td>HORT 3433</td>
<td>Commercial Vegetable Production</td>
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<td>NREM 2083</td>
<td>Geospatial Technologies for Natural Resources</td>
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<td>NREM 3613</td>
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<td>NREM 3063</td>
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<td>PLNT 4013</td>
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<td>SOIL 4234</td>
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<td>SOIL 4463</td>
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<tr>
<td>SOIL 4483</td>
<td>Soil Microbiology</td>
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**Hours Subtotal**  54

**Electives**
Select 8 hours or hours to complete required total for degree  8

**Hours Subtotal**  8

**Total Hours**  120

**Other Requirements**
- A minimum of 40 semester credit hours and 100 grade points 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 2028.