**AGRICULTURE: NATURAL RESOURCES, 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>
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<tbody>
<tr>
<td><strong>General Education Requirements</strong></td>
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<tr>
<td><strong>English Composition</strong></td>
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<td>See Academic Regulation 3.5 (<a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition">http://catalog.okstate.edu/university-academic-regulations/#english-composition</a>)</td>
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<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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<td>ENGL 1213</td>
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<td>or ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
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<td>or ENGL 3323</td>
<td>Technical Writing</td>
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<tr>
<td><strong>American History &amp; Government</strong></td>
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<tr>
<td>HIST 1103</td>
<td>Survey of American History</td>
<td>3</td>
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<tr>
<td>or HIST 1483</td>
<td>American History to 1865 (H)</td>
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<td>or HIST 1493</td>
<td>American History Since 1865 (DH)</td>
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<tr>
<td><strong>Analytical &amp; Quantitative Thought (A)</strong></td>
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<tr>
<td>MATH 2103</td>
<td>Business Calculus (A)</td>
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<td>or MATH 2123</td>
<td>Calculus for Technology Programs I (A)</td>
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<tr>
<td>or MATH 2144</td>
<td>Calculus I (A)</td>
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<tr>
<td>STAT 2023</td>
<td>Elementary Statistics for Business and Economics (A) (or equivalent STAT course designated A)</td>
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<td><strong>Humanities (H)</strong></td>
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<td><strong>Natural Sciences (N)</strong></td>
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<td>Seven hours from:</td>
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<tr>
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<tr>
<td><strong>Social &amp; Behavioral Sciences (S)</strong></td>
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<tr>
<td>AGEC 1113</td>
<td>Introduction to Agricultural Economics (S)</td>
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<td>or AGCM 3103</td>
<td>Written Communications in Agricultural Sciences and Natural Resources</td>
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<tr>
<td>or AGCM 3113</td>
<td>Writing and Editing for Agricultural Publications</td>
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<tr>
<td>or BCOM 3443</td>
<td>Business Communication for International Students</td>
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<td>or ENGL 3323</td>
<td>Technical Writing</td>
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<tr>
<td><strong>Additional General Education</strong></td>
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<td>At least one Diversity (D) course</td>
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<tr>
<td>At least one International Dimension (I) course</td>
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<tr>
<td>Agricultural Sciences and Natural Resources</td>
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<tr>
<td>Course cannot be used here and as (N) course</td>
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<td>AG 1011</td>
<td>First Year Seminar</td>
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<td><strong>From two of the following groups, select one course:</strong></td>
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<td>PLNT 1213</td>
<td>Introduction to Plant and Soil Systems</td>
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<td>HORT 1013</td>
<td>Principles of Horticultural Science (LN)</td>
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<td>NREM 1113</td>
<td>Elements of Forestry</td>
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<td><strong>Group 2:</strong></td>
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<td>SOIL 1113</td>
<td>Land, Life and the Environment (N)</td>
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<td>SOIL 2124</td>
<td>Fundamentals of Soil Science (N)</td>
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<td>ANSI 1124</td>
<td>Introduction to the Animal Sciences</td>
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<td>FDSC 1133</td>
<td>Fundamentals of Food Science</td>
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<td>ENTO 2993</td>
<td>Introduction to Entomology (LN)</td>
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<td>ENTO 3003</td>
<td>Livestock Entomology</td>
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<td><strong>Group 4:</strong></td>
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<td>NREM 1014</td>
<td>Introduction to Natural History (LN)</td>
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<td>NREM 2013</td>
<td>Ecology of Natural Resources</td>
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<td>NREM 3013</td>
<td>Applied Ecology and Conservation</td>
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<td>ENVR 1113</td>
<td>Elements of Environmental Science (N)</td>
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<td>BIOC 2344</td>
<td>Chemistry and Applications of Biomolecules</td>
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<td>Biochemistry I</td>
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<td>LA 1013</td>
<td>Introduction to Landscape Architecture</td>
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<td><strong>Written and Oral Communications</strong></td>
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<td>AGCM 3103</td>
<td>Written Communications in Agricultural Sciences and Natural Resources</td>
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<td>or AGCM 3113</td>
<td>Writing and Editing for Agricultural Publications</td>
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<td>or BCOM 3443</td>
<td>Business Communication for International Students</td>
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<td>Technical Writing</td>
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<td>AGCM 3203</td>
<td>Oral Communications in Agricultural Sciences &amp; Natural Resources (S)</td>
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<td>Introduction to Speech Communication (S)</td>
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<td>Elements of Persuasion (S)</td>
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<td><strong>Core Courses</strong></td>
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<td>6 credit hours of ACCT classes covering Financial and Managerial Accounting. Students cannot use a combination of both ACCT 2103 and ACCT 2003.</td>
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<td>AGEC 1101</td>
<td>Agricultural Economics and Agribusiness Experience</td>
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<td>AGEC 3101</td>
<td>Professional Career Development</td>
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<td>AGEC 3213</td>
<td>Quantitative Methods in Agricultural Economics</td>
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<td>AGEC 3333</td>
<td>Agricultural Marketing and Price Analysis</td>
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<td>AGEC 3423</td>
<td>Farm and Agribusiness Management</td>
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<td>AGEC 3503</td>
<td>Natural Resource Economics</td>
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<td>AGEC 3603</td>
<td>Agricultural Finance (L/N)</td>
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<td>AGEC 3713</td>
<td>Agricultural Law (L/N)</td>
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<td>AGEC 4503</td>
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<td>6 additional hours from AGEC 4000-level excluding AGEC 4990</td>
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<td>ECON 2203</td>
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<td>ECON 3113</td>
<td>Intermediate Microeconomics</td>
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<td>or ECON 3023</td>
<td>Managerial Economics</td>
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<td>3 upper division hours from:</td>
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<td>AGEC, ECON, MKTG 3213 or MGMT 3013</td>
<td>Related Courses:</td>
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<tr>
<td>GEOG 4203</td>
<td>Fundamentals of Geographic Information Systems</td>
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<td>AST 4112</td>
<td>Land Measurement and Site Analysis</td>
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<td>AST 4203</td>
<td>Agricultural Water Management</td>
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<td>ECON 3903</td>
<td>Economics of the Environment</td>
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<td>ENVR 4112</td>
<td>Land Measurement and Site Analysis</td>
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<tr>
<td>ENVR 4363</td>
<td>Environmental Soil Science</td>
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<tr>
<td>GEOG 3023</td>
<td>Climatology (N)</td>
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<td>GEOG 3033</td>
<td>Meteorology (N)</td>
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<td>GEOG 3063</td>
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<td>GEOG 3153</td>
<td>Conservation of Natural Resources (S)</td>
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<td>GEOG 3163</td>
<td>Economic Geography (S)</td>
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<td>GEOG 4053</td>
<td>Biogeography</td>
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<td>GEOG 4073</td>
<td>Climate Change: Past, Present, and Future</td>
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<td>GEOG 4083</td>
<td>Geography of Grass-Dominated Ecosystems</td>
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<td>GEOG 4153</td>
<td>Geography of Outdoor Recreation</td>
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<td>GEOG 4163</td>
<td>Resource Management in the National Parks</td>
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<td>GEOG 4323</td>
<td>Mapping in Modern Society</td>
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<td>GEOG 4333</td>
<td>Remote Sensing</td>
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<tr>
<td>GEOG 4343</td>
<td>Geographic Information Systems: Resource Management Applications</td>
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<td>GEOG 4353</td>
<td>Geographic Information Systems: Socioeconomic Applications</td>
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<td>GEOL 1014</td>
<td>Geology and Human Affairs (LN)</td>
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<td>GEOL 3043</td>
<td>Geology of the National Parks (N)</td>
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<td>GEOL 3503</td>
<td>Environmental Geology (N)</td>
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<td>Additional State/OSU Requirements</td>
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<td>PLNT 4033</td>
<td>Applied Agricultural Meteorology</td>
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<td>POLS 4363</td>
<td>Environmental Law And Policy</td>
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<td>POLS 4593</td>
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<td>RM 4473</td>
<td>Recreation in the Natural Environment</td>
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<td>RM 4553</td>
<td>Tourism in Recreation Settings</td>
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<td>SOC 4433</td>
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<td>SOIL 4363</td>
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<td>SOIL 4463</td>
<td>Soil and Water Conservation</td>
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<td>SOIL 4683</td>
<td>Soil, Water, and Weather</td>
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<td>SOIL 4893</td>
<td>Environmental Soil Chemistry</td>
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**Hours Subtotal**: 11

**Total Hours**: 120

1. College and Departmental requirements that meet General Education requirements
2. If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are reduced by 3
3. If used as (S) course above, hours in this block reduced by 3
4. Hours meeting the Major core.

**Other Requirements:**
- Exit interview with Head of Department of Agricultural Economics
- 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.

MATH 1483 or MATH 1513 may need to be taken as prerequisite to required Calculus course.