AGRICULTURE: NATURAL RESOURCES, BSAG

Requirements for Students Matriculating in or before Academic Year 2018-2019. 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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</thead>
<tbody>
<tr>
<td><strong>General Education Requirements</strong></td>
<td></td>
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<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</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>
<td>Composition II</td>
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<tr>
<td>or ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
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<tr>
<td>or ENGL 3323</td>
<td>Technical Writing</td>
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<tr>
<td>HIST 1103</td>
<td>Survey of American History</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 1483</td>
<td>American History to 1865</td>
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<tr>
<td>or HIST 1493</td>
<td>American History Since 1865</td>
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<tr>
<td>POLS 1113</td>
<td>American Government</td>
<td>3</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) 1</td>
<td>3</td>
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<tr>
<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) 1</td>
<td>3</td>
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<tr>
<td>or STAT 2013</td>
<td>Elementary Statistics (A)</td>
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<tr>
<td>or STAT 2053</td>
<td>Elementary Statistics for the Social Sciences (A)</td>
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<tr>
<td><strong>Humanities (H)</strong></td>
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<tr>
<td>Courses designated (H)</td>
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<tr>
<td><strong>Natural Sciences (N)</strong></td>
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<tr>
<td>Must include one Laboratory Science (L) course</td>
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<tr>
<td>CHEM 1314</td>
<td>Chemistry I (LN) 1</td>
<td>4</td>
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<tr>
<td>or CHEM 1215</td>
<td>Chemical Principles I (LN)</td>
<td></td>
</tr>
<tr>
<td>or CHEM 1014</td>
<td>Chemistry In Civilization (LN)</td>
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<tr>
<td>Any course designated (N)</td>
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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) 1</td>
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<tr>
<td><strong>Additional General Education</strong></td>
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<tr>
<td>Courses designated (A), (H), (N), or (S)</td>
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<tr>
<td><strong>Hours Subtotal</strong></td>
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<td>40</td>
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**Diversity (D) & International Dimension (I)**
May be completed in any part of the degree plan
At least one Diversity (D) course
At least one International Dimension (I) course

**College/Departmental Requirements**
Agricultural Sciences and Natural Resources

Course cannot be used here and as (N) course
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) | |
NREM 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 | |
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 and Oral Communications**
AGCM 3103 | Written Communications in Agricultural Sciences and Natural Resources 2 | 3 |
| or BCOM 3113 | Written Communication | |
| or BCOM 3443 | Business Communication for International Students | |
| or ENGL 3223 | Technical Writing | |
AGCM 3203 | Oral Communications in Agricultural Sciences & Natural Resources (S) 3 | 3 |
| or SPCH 2713 | Introduction to Speech Communication (S) | |
| or SPCH 3733 | Elements of Persuasion (S) | |

**Hours Subtotal** | 13 |

**Major Requirements**

**Core Courses**
ACCT 2103 | Financial Accounting | 3 |
ACCT 2203 | Managerial Accounting | 3 |
AGEC 1101 | Agricultural Economics and Agribusiness Experience | 1 |
AGEC 3101 | Professional Career Development | 1 |
AGEC 3213 | Quantitative Methods in Agricultural Economics | 3 |
AGEC 3333 | Agricultural Marketing and Price Analysis | 3 |
AGEC 3423 | Farm and Agribusiness Management | 3 |
AGEC 3503 | Natural Resource Economics | 3 |
AGEC 3603 | Agricultural Finance | 3 |
AGEC 3713 | Agricultural Law | 3 |
AGEC 4503 | Environmental Economics and Resource Development | 3 |
6 additional hours from AGEC 4000-level excluding AGEC 4990 | 6 |
ECON 2203  Introduction to Macroeconomics 3
ECON 3113  Intermediate Microeconomics 3
  or ECON 3023  Managerial Economics
3 hours from:
AGEC 3023  Farm to Fork
AGEC 3323  Agricultural Product Marketing and Sales
AGEC 3463  Agricultural Cooperatives
AGEC 3703  Issues in Agricultural Policy
ECON 3123  Intermediate Macroeconomics
ECON 3313  Money and Banking
MKTG 3213  Marketing (S)
Related Courses:
GEOG 4203  Fundamentals of Geographic Information Systems 3
9 hours from the following courses:
AST 4112  Land Measurement and Site Analysis
AST 4203  Irrigation Principles
ECON 3903  Economics of the Environment
ENVR 4112  Land Measurement and Site Analysis
ENVR 4363  Environmental Soil Science
GEOG 3023  Climatology (N)
GEOG 3033  Meteorology (N)
GEOG 3063  Economic Meteorology
GEOG 3153  Conservation of Natural Resources (S)
GEOG 3163  Economic Geography (S)
GEOG 4053  Biogeography
GEOG 4073  Climate Change: Past, Present, and Future
GEOG 4083  Geography of Grass-Dominated Ecosystems
GEOG 4153  Geography of Outdoor Recreation
GEOG 4163  Resource Management in the National Parks
GEOG 4323  Computer Cartography
GEOG 4333  Remote Sensing
GEOG 4343  Geographic Information Systems: Resource Management Applications
GEOG 4353  Geographic Information Systems: Socioeconomic Applications
GEOL 1014  Geology and Human Affairs (LN)
GEOL 3043  Geology of the National Parks (N)
GEOL 3503  Environmental Geology
NREM any upper-division
POLS 3463  Environmental Law And Policy
POLS 4593  Natural Resources and Environmental Policy
RMRT 4473  Recreation In the Natural Environment
RMRT 4553  Tourism in Recreation Settings
SOC 4433  Environmental Sociology (S)
SOIL 4363  Environmental Soil Science
SOIL 4463  Soil and Water Conservation
SOIL 4683  Soil, Water, and Weather

SOIL 4893  Soil Chemistry and Environmental Quality

<table>
<thead>
<tr>
<th>Hours Subtotal</th>
<th>56</th>
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<tbody>
<tr>
<td>Electives</td>
<td>11</td>
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(or hours to complete required total for degree)

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

<table>
<thead>
<tr>
<th>Hours Subtotal</th>
<th>11</th>
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<tbody>
<tr>
<td>Total Hours</td>
<td>120</td>
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1 College and Departmental requirements that meet GE 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

**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 2024.