PLANT AND SOIL SCIENCES: CROP PRODUCTION AND MANAGEMENT, BSAG

Requirements for Students Matriculating in or before Academic Year 2019-2020. 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>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>Select one of the following:</td>
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<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
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<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td></td>
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<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td></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>HIST 1483</td>
<td>American History to 1865 (H)</td>
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<tr>
<td>HIST 1493</td>
<td>American History Since 1865 (DH)</td>
<td></td>
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<tr>
<td>POLS 1113</td>
<td>American Government</td>
<td>3</td>
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<tr>
<td>STAT 2013</td>
<td>Elementary Statistics (A)</td>
<td>3</td>
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<td>ABED 1113</td>
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<tr>
<td>AGCM 3103</td>
<td>Written Communications in Agricultural Sciences and Natural Resources</td>
<td>3</td>
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<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>3</td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td>3</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>AGCM 3203</td>
<td>Oral Communications in Agricultural Sciences and Natural Resources</td>
<td>3</td>
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<tr>
<td>SPCH 2713</td>
<td>Introduction to Speech Communication (S)</td>
<td>3</td>
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<tr>
<td>SPCH 3733</td>
<td>Elements of Persuasion (S)</td>
<td>3</td>
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</table>

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/Departmental Requirements
Agricultural Sciences and Natural Resources
AG 1011 | First Year Seminar                        | 1     |
ENTO 2993 | Introduction to Entomology (LN)          | 3     |
PLNT 1213 | Introduction to Plant and Soil Systems   | 3     |

Additional Requirements
CHEM 1515 | Chemistry II (LN)                          | 5     |
CHEM 1225 | Chemical Principles II (LN)               |       |
BIOL 1114 | Introductory Biology (LN)                 | 4     |
MATH 1513 | College Algebra (A)                        | 3     |
MATH 2144 | Calculus I (A)                             |       |

Written and Oral Communications
Select one of the following:
AGCM 3103 | Written Communications in Agricultural Sciences and Natural Resources | 3 |
BCOM 3113 | Written Communication                     |       |
BCOM 3443 | Business Communication for International Students | 3 |
ENGL 3323 | Technical Writing                        | 4     |
Select one of the following:
AGCM 3203 | Oral Communications in Agricultural Sciences and Natural Resources | 3 |
SPCH 2713 | Introduction to Speech Communication (S) | 3     |
SPCH 3733 | Elements of Persuasion (S)               | 5     |

Hours Subtotal: 20
Upper division PLNT including PLNT 4470
PLNT 4033 Applied Agricultural Meteorology
PLP 3343 Principles of Plant Pathology
PLP 3553 Fungi: Myths and More
PLP 3663 Turfgrass Integrated Pest Management
ENTO 3003 Livestock Entomology
ENTO 3021 Postharvest, Structural, and Urban Arthropod Pests
ENTO 3331 Insect Pests of Agronomic Crops
ENTO 3421 Horticultural Insects
ENTO 3461 Insects in Forest Ecosystems
ENTO 4854 Medical and Veterinary Entomology
or ENTO 4923 Applications of Biotechnology in Pest Management
SOIL 4483 Soil Microbiology
SOIL 4683 Soil, Water, and Weather
SOIL 4463 Soil and Water Conservation
SOIL 3433 Soil Genesis, Morphology, and Classification
SOIL 4893 Soil Chemistry and Environmental Quality
SOIL 4363 Environmental Soil Science
ANSI 1124 Introduction to the Animal Sciences
ANSI 2123 Livestock Feeding
ANSI 3543 Principles of Animal Nutrition
ANSI 3653 Applied Animal Nutrition
HORT 4953 Plant Growth and Development
HORT 4963 Horticulture Physiology
HORT 4133 Temperature Stress Physiology
HORT 3113 Greenhouse Management
AST 1413 Introduction to Engineering in Agriculture
AST 2313 Surveying
AST 3011 Ag Structures
AST 4112 Land Measurement and Site Analysis
AST 4203 Irrigation Principles
AST 4212 Safety and Health Agribusiness
GEOG 2344 Digital Tools for Environmental Exploration (LN)
GEOG 3023 Climatology (N)
GEOG 3033 Meteorology (N)
NREM 3613 Principles of Rangeland Management
NREM 3013 Applied Ecology and Conservation
NREM 3012 Applied Ecology Laboratory

Hours Subtotal 55

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

Total Hours 120

1 College & Departmental requirements that may be used to meet GE requirements.
2 If used as (N) course above, hours in this block reduced by 5.
3 If used as (A) course above, hours in this block reduced by 3.

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 2025.