Horticulture: Horticultural Food Safety, BSAG

Requirements for Students Matriculating in or before Academic Year 2021-2022. 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>
<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>
<td>3</td>
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American History & Government
Select one of the following: 3
- HIST 1103 | Survey of American History |
- HIST 1483 | American History to 1865 (H) |
- HIST 1493 | American History Since 1865 (DH) |
- POLS 1113 | American Government |

Analytical & Quantitative Thought (A)
- MATH 1583 | Applied Geometry and Trigonometry (A) |
- or STAT 2023 | Elementary Statistics for Business and Economics (A) |

Humanities (H)
Courses designated (H) | 6

Natural Sciences (N)
Must include one Laboratory Science (L) course
- BIOL 1114 | Introductory Biology (LN) |
- PBIO 1404 | Plant Biology (LN) |

Social & Behavioral Sciences (S)
Course designated (S) | 3

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

Hours Subtotal | 41

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
- AG 1011 | First Year Seminar |
- AGEC 1113 | Introduction to Agricultural Economics (S) |
- CHEM 1215 | Chemical Principles I (LN) |
- HORT 1013 | Principles of Horticultural Science (LN) |
- SOIL 2124 | Fundamentals of Soil Science (N) |
Select one of the following: 3
- BCOM 3113 | Written Communication |
- ENGL 3323 | Technical Writing |
- AGCM 3103 | Written Communications in Agricultural Sciences and Natural Resources |

Select one of the following: 3
- SPCH 2713 | Introduction to Speech Communication (S) |
- SPCH 3733 | Elements of Persuasion (S) |
- AGCM 3203 | Oral Communications in Agricultural Sciences & Natural Resources (S) |
- ENTO 2993 | Introduction to Entomology (LN) |

- HORT 2513 | Herbaceous Plant Materials |
- or HORT 2613 | Woody Plant Materials |
- HORT 3513 | Landscape Irrigation |
- PLP 3343 | Principles of Plant Pathology |
- HORT 3153 | Turf Management |
- or HORT 3084 | Plant Propagation |

Hours Subtotal | 40

Major Requirements

Core Courses
- HORT 3113 | Greenhouse Management |
- or HORT 3713 | Urban Horticulture Production |
- HORT 3433 | Commercial Vegetable Production |
- HORT 3213 | Fruit and Nut Production |
- CHEM 1225 | Chemical Principles II (LN) |
- CHEM 3013 | Survey of Organic Chemistry |
- MICR 2123 | Introduction to Microbiology |
- FDSC 1133 | Fundamentals of Food Science |
- FDSC 3123 | HACCP in the Food Industry |
- FDSC 3133 | Plant Sanitation for Food Processing Operations |
- FDSC 3154 | Food Microbiology |
- FDSC 4143 | Food Safety Modernization Act |
- FDSC 4233 | Food Safety Audit Schemes |

Elective | 0
Select 0 or hours to complete required total for degree |

Hours Subtotal | 39

Total Hours | 120

1 College & Departmental requirements that may be used to meet General Education requirements.
2 If used as (S) course above, hours in this block are reduced by three.
3 If ENGL 3323 Technical Writing is substituted for ENGL 1213 Composition II above, then hours in this block are 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.
- A 2.25 GPA or higher is required in courses listed in the Major Requirements column above.
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 2027.