

HORTICULTURE: HORTICULTURAL FOOD SAFETY, BSAG

Requirements for Students Matriculating in or before Academic Year 2024-2025. 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

| Code | Title | Hours |
|---|--|-----------|
| General Education Requirements | | |
| <i>English Composition</i> | | |
| See Academic Regulation 3.5 (http://catalog.okstate.edu/university-academic-regulations/#english-composition/) | | |
| ENGL 1113 or ENGL 1313 | Composition I Critical Analysis and Writing I | 3 |
| ENGL 1213 | Composition II | 3 |
| <i>American History & Government</i> | | |
| Select one of the following: | | |
| HIST 1103 HIST 1483 HIST 1493 | Survey of American History American History to 1865 (H) American History Since 1865 (DH) | 3 |
| POLS 1113 | American Government | 3 |
| <i>Analytical & Quantitative Thought (A)</i> | | |
| MATH 1483 or MATH 1513 | Mathematical Functions and Their Uses (A) College Algebra (A) | 3 |
| <i>Humanities (H)</i> | | |
| Courses designated (H) | | 6 |
| <i>Natural Sciences (N)</i> | | |
| Must include one Laboratory Science (L) course | | |
| Select from one of the following: | | |
| BIOL 1114 BIOL 1113 & BIOL 1111 P BIO 1404 | Introductory Biology (LN) ¹ Introductory Biology (N) and Introductory Biology Laboratory (LN) ¹ Plant Biology (LN) ¹ | 3 |
| HORT 1013 | Principles of Horticultural Science (LN) | 3 |
| <i>Social and Behavioral Sciences (S)</i> | | |
| Course designated (S) | | |
| AGEC 1113 | Introduction to Agricultural Economics (S) ¹ | 3 |
| <i>Additional General Education</i> | | |
| Courses designated (A), (H), (N), or (S) | | 9 |
| 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 | | |
| UNIV 1111 | First Year Seminar (or other approved first year seminar course) | 1 |

| | | |
|---|---|------------|
| CHEM 1215 | Chemical Principles I (LN) | 5 |
| SOIL 2124 | Fundamentals of Soil Science (N) | 4 |
| Select one of the following: | | 3 |
| AGCM 3103 | Written Communications in Agricultural Sciences and Natural Resources | |
| BCOM 3113 | Written Communication | |
| ENGL 3323 | Technical Writing ³ | |
| Select one of the following: | | 3 |
| AGCM 3203 | Oral Communications in Agricultural Sciences & Natural Resources (S) ² | |
| SPCH 2713 | Introduction to Speech Communication (S) ² | |
| SPCH 3733 | Elements of Persuasion (S) ² | |
| ENTO 2993 | Introduction to Entomology (LN) | 3 |
| HORT 2010 | Internship in Horticulture or Landscape Management | 1 |
| HORT 2513 or HORT 2613 | Herbaceous Plant Materials Woody Plant Materials | 3 |
| HORT 3153 or HORT 3833 | Turf Management Hydroponics and Soilless Crop Production | 3 |
| HORT 3084 | Plant Propagation | 4 |
| HORT 3513 | Landscape Irrigation | 3 |
| PLP 3343 | Principles of Plant Pathology | 3 |
| Hours Subtotal | | 36 |
| Major Requirements | | |
| HORT 3113 | Greenhouse Management | 3 |
| HORT 3713 | Urban Horticulture Production | 3 |
| HORT 3213 | Fruit and Nut Production | 3 |
| HORT 3433 | Commercial Vegetable Production | 3 |
| CHEM 1225 | Chemical Principles II (LN) | 5 |
| CHEM 3013 | Survey of Organic Chemistry | 3 |
| MICR 2123 | Introduction to Microbiology | 3 |
| FDSC 1133 | Fundamentals of Food Science | 3 |
| FDSC 3123 | HACCP in the Food Industry | 3 |
| FDSC 3133 | Plant Sanitation for Food Processing Operations | 3 |
| FDSC 3154 | Food Microbiology | 4 |
| FDSC 4143 | Food Safety Modernization Act | 3 |
| FDSC 4233 | Food Safety Audit Schemes | 3 |
| Select 2 hours from HORT | | 2 |
| Elective | | 0 |
| Select 0 or hours to complete required total for degree | | 0 |
| Hours Subtotal | | 44 |
| 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 2030.