

# HORTICULTURE: HORTICULTURAL FOOD SAFETY, BSAG

**Requirements for Students Matriculating in or before Academic Year 2022-2023.** 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
<b>General Education Requirements</b>		
<i>English Composition</i>		
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> )		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
<i>American History &amp; Government</i>		
Select one of the following:		
HIST 1103	Survey of American History	3
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<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	Introductory Biology (LN) <sup>1</sup>	
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
PBIO 1404	Plant Biology (LN) <sup>1</sup>	
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) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
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		
<b>College/Departmental Requirements</b>		
AG 1011	First Year Seminar	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 <sup>3</sup>	
Select one of the following:		3
AGCM 3203	Oral Communications in Agricultural Sciences & Natural Resources (S) <sup>2</sup>	
SPCH 2713	Introduction to Speech Communication (S) <sup>2</sup>	
SPCH 3733	Elements of Persuasion (S) <sup>2</sup>	
ENTO 2993	Introduction to Entomology (LN)	3
HORT 2010	Internship in Horticulture or Landscape Management	1
HORT 2513	Herbaceous Plant Materials	3
or HORT 2613	Woody Plant Materials	
HORT 3153	Turf Management	3
or HORT 3833	Hydroponics and Soilless Crop Production	
HORT 3084	Plant Propagation	4
HORT 3513	Landscape Irrigation	3
PLP 3343	Principles of Plant Pathology	3
<b>Hours Subtotal</b>		<b>36</b>
<b>Major Requirements</b>		
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
<b>Elective</b>		<b>0</b>
Select 0 or hours to complete required total for degree		0
<b>Hours Subtotal</b>		<b>44</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup> College & Departmental requirements that may be used to meet General Education requirements.

<sup>2</sup> If used as (S) course above, hours in this block are reduced by three.

<sup>3</sup> 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 2028.