

# HORTICULTURE: HORTICULTURAL SCIENCE, 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**

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 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865	
HIST 1493	American History Since 1865	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
Select one of the following:		3
MATH 1583	Applied Geometry and Trigonometry (A) <sup>1</sup>	
MATH 1613	Trigonometry (A) <sup>1</sup>	
3 hours STAT <sup>1</sup> designated (A)		
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	4
CHEM 1314 or CHEM 1215	Chemistry I (LN) <sup>1</sup> Chemical Principles I (LN)	4
PBIO 1404	Plant Biology (LN)	4
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
<b>Hours Subtotal</b>		<b>42</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>		

## Agricultural Sciences and Natural Resources

AG 1011	First Year Seminar	1
AGEC 1113 or ECON 2103	Introduction to Agricultural Economics (S) <sup>2</sup> Introduction to Microeconomics (S)	3
HORT 1013	Principles of Horticultural Science (LN)	3
SOIL 2124	Fundamentals of Soil Science (N)	4
<i>Written and Oral Communications</i>		
ENGL 3323	Technical Writing <sup>3</sup>	3
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>	
<b>Hours Subtotal</b>		<b>17</b>

## Major Requirements

<i>Core Courses</i>		
Select one of the following:		3
HORT 4953	Plant Growth and Development	
HORT 4963	Horticulture Physiology	
PBIO 4463	Plant Physiology	
CHEM 1225 or CHEM 1515	Chemical Principles II (LN) Chemistry II (LN)	5
ENTO 2993	Introduction to Entomology (LN)	3
HORT 2010	Internship in Horticulture or Landscape Management (3 hours)	3
HORT 3084	Plant Propagation	4
HORT 3113	Greenhouse Management	3
PLP 3343	Principles of Plant Pathology	3
ANSI 3423 or BIOL 3023	Animal Genetics General Genetics	3
Select 3 hours of Organic Chemistry (CHEM 3013 or BIOC 2344 recommended) <sup>4</sup>		3
<i>Related Courses</i>		
Select 12 upper-division hours from:		12
BIOC, ENTO, HORT, NREM, PBIO, PLNT, PLP, or SOIL		
Select 18 hours from HORT (12 hours must be upper division) excluding HORT 2010. <sup>5</sup>		18
<b>Hours Subtotal</b>		<b>60</b>
<i>Electives</i>		
Select 1 hour to complete required total for degree		1
<b>Hours Subtotal</b>		<b>1</b>
<b>Total Hours</b>		<b>120</b>

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

<sup>4</sup> CHEM 3013 Survey of Organic Chemistry or BIOC 2344 Chemistry and Applications of Biomolecules recommended.

<sup>5</sup> 12 hours must be upper-division.

## 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 2024.