

HORTICULTURE: HORTICULTURAL SCIENCE, 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

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	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
<i>American History & 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 & Quantitative Thought (A)</i>		
Select one of the following:		
MATH 1583	Applied Geometry and Trigonometry (A) ¹	3
or STAT 2023	Elementary Statistics for Business and Economics (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) ¹	4
PBIO 1404	Plant Biology (LN)	4
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		
3		
<i>Additional General Education</i>		
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	1
AGEC 1113	Introduction to Agricultural Economics (S) ²	3
CHEM 1215	Chemical Principles I (LN)	5
HORT 1013	Principles of Horticultural Science (LN)	3
SOIL 2124	Fundamentals of Soil Science (N)	4

Select one of the following:		3
BCOM 3113	Written Communication	
ENGL 3323	Technical Writing ³	
AGCM 3103	Written Communications in Agricultural Sciences and Natural Resources	
Select one of the following:		3
SPCH 2713	Introduction to Speech Communication (S) ²	
SPCH 3733	Elements of Persuasion (S) ²	
AGCM 3203	Oral Communications in Agricultural Sciences & Natural Resources (S) ²	
ENTO 2993	Introduction to Entomology (LN)	3
HORT 2010	Internship in Horticulture or Landscape Management	3
HORT 2513	Herbaceous Plant Materials	3
or HORT 2613	Woody Plant Materials	
HORT 3153	Turf Management	3
or HORT 3084	Plant Propagation	
HORT 3513	Landscape Irrigation	3
PLP 3343	Principles of Plant Pathology	3
Hours Subtotal		40

Major Requirements

Core Courses

HORT 4953	Plant Growth and Development	3
CHEM 1225	Chemical Principles II (LN)	5
HORT 3113	Greenhouse Management	3
ANSI 3423	Animal Genetics	3
or BIOL 3023	General Genetics	
CHEM 3013	Survey of Organic Chemistry	3
or BIOC 2344	Chemistry and Applications of Biomolecules	

Related Courses

Select 9 upper-division hours from:		9
BIOC, ENTO, HORT, NREM, PBIO, PLNT, PLP, or SOIL		
Select 12 hours from HORT		12
Hours Subtotal		38

Electives

Select 1 hour to complete required total for degree		1
Hours Subtotal		1

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 three.

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.