

HORTICULTURE: HORTICULTURAL SCIENCE, BSAG

Requirements for Students Matriculating in or before Academic Year 2025-2026. 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:		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	3
<i>Quantitative Thought & Logical Reasoning (Q)</i>		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (Q) College Algebra (Q)	3
<i>Understanding Humanities-Human Heritage & Cultures (H)</i>		
Courses designated (H)		6
<i>Reasoning in the Natural Sciences (N)</i>		
Must include one Laboratory-Based Inquiry (L) course		
Select from one of the following:		4
BIOL 1114	Introductory Biology (LN) ¹	
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) ¹	
PBIO 1404	Plant Biology (LN)	
HORT 1013	Principles of Horticultural Science (LN)	3
<i>Exploring Society & Human Behavior (S)</i>		
AGEC 1113	Introduction to Agricultural Economics (S)	3
<i>Diversity (D)</i>		
Courses designated (D)		3
<i>Global Cultural Competency (G)</i>		
Courses designated (G)		3
<i>Additional General Education</i>		
Additional general education credit hours (at least 3 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 3 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		3

Hours Subtotal		40
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 3084	Plant Propagation	4
HORT 3153 or HORT 3833	Turf Management Hydroponics and Soilless Crop Production	3
HORT 3513	Landscape Irrigation	3
PLP 4343	Principles of Plant Pathology	3
Hours Subtotal		36
Major Requirements		
HORT 4963	Horticulture Physiology	3
CHEM 1225	Chemical Principles II (LN)	5
HORT 3113	Greenhouse Management	3
ANSI 3423 or BIOL 3023	Animal Genetics General Genetics	3
CHEM 3013 or BIOC 2344	Survey of Organic Chemistry Chemistry and Applications of Biomolecules	3
<i>Related Courses</i>		
Select 12 hours (6 must be upper-division) from Ferguson College of Agriculture		12
Select 15 hours (6 must be upper division) from HORT		15
Hours Subtotal		44
<i>Electives</i>		
Select 0 hours to complete required total for degree		0
Hours Subtotal		0
Total Hours		120

¹

College & Departmental requirements that may be used to meet General Education requirements.

²

If used as an additional (S) course above, hours in this block are reduced by three.

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 and 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 2031.