

# Horticulture Science: Public Horticulture

<https://ag.purdue.edu/oap/Pages/major.aspx>

120 credits required for graduation

Credits	Course number	Course Title
<b>Departmental/Program Major Courses (112 credits)</b>		
<b>Required Major Courses (35 credits)</b>		
3	HORT 10100	Fundamentals of Horticulture
1	HORT 11000	Survey of Horticulture
3	HORT 20100	Plant Propagation
4	HORT 21700	Woody Landscape Plants
3	HORT 21800	Herbaceous Landscape Plants
4	HORT 30100	Plant Physiology
3	HIST 30200	History of Horticulture
1	HORT 31000	Plant Design Basics
3	HORT 31700	Landscape Contracting & Management
3	HORT 42000	Ornamental Plant Production
1	HORT 44000	Public Garden Management
3	LA 11600	Graphic Communication for Students of Landscape Architects and Design
3	LA 16600	History & Theory of Landscape Architecture
<b>Other Departmental /Program Course Requirements (77 credits) (See Advising Resources)</b>		
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University
0.5	AGR 12000	Introduction to Horticulture and Landscape Architecture
3	AGRY 25500	Soil Science
3	AGRY 32000	Genetics
3	BCHM 30700	Biochemistry
4	BTNY 11000	Introduction to Plant Science
3	BTNY 30200	Plant Ecology
3	BTNY 30500	Fundamentals of Plant Classification
3	CHM 11100	General Chemistry (satisfies Science #1 for core)
3	CHM 11200	General Chemistry (satisfies Science #2 for core)
4	CHM 25700	Organic Chemistry
3	ENTM 44600	Integrated Plant Health Management for Ornamental Plants
3	-----	<a href="#">Calculus Selective (satisfies Quantitative Reasoning for core)</a>
3	STAT 30100	<a href="#">Statistics Selective (satisfies Information Literacy for core)</a>
3	-----	Communications Selective
3	-----	Concentration Selective
3	-----	Concentration Selective
3	-----	Concentration Selective
3	-----	Supervision/Personnel Selective
3	-----	<a href="#">Economics Selective</a>
3	-----	<a href="#">UCC Humanities Selective (satisfies Human Cultures Humanities for core)</a>
3	-----	UCC Science, Technology, & Society Selective (satisfies Science, Technology & Society
1	-----	Selective for core)
3	-----	<a href="#">Humanities or Social Science Selective</a>
3	-----	<a href="#">Humanities or Social Science Selective</a>
3	-----	First-Year Composition (satisfies Written Communication for core) (satisfies Information
4	ENGL 10600	Literacy for core)
3	COM 11400 or	Fundamentals of Speech Communication or Science Writing and Presentation (satisfies
3	COM 21700	Oral Communication for core)
3	-----	<a href="#">Written or Oral Communication Selective</a>
<b>Electives (8 credits)</b>		
8	-----	Elective

**University Core Requirements:**

Human Cultures Humanities:	_____	Science, Technology, and Society:	_____
Human Cultures Behavioral/Social Science:	_____	Written Communication:	_____
Information Literacy:	_____	Oral Communication:	_____
Science #1:	_____	Quantitative Reasoning:	_____
Science #2:	_____		

120 semester credits required for Bachelor of Science degree.  
2.0 GPA required for Bachelor of Science degree.

**College of Agriculture & University Level Requirements:**

2.0 GPA required for Bachelor of Science degree.  
32 Upper division credits taken from Purdue  
9 credits International Understanding: \_\_\_\_\_  
3 credits Multicultural Awareness: \_\_\_\_\_  
9 credits of Hum and/or Social Sciences outside the College of Agriculture: \_\_\_\_\_

# Horticulture Science: Public Horticulture

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Credits	Course Number	Course Title	Prerequisites	Credits	Course Number	Course Title	Prerequisites
<b>Fall 1st Year</b>				<b>Spring 1st Year</b>			
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University		3	CHM 11200	General Chemistry	CHM 11100
0.5	AGR 12000	Introduction to Horticulture and Landscape Architecture		3	COM 11400 or COM 21700	Fundamentals of Speech or Science Writing and Presentation	
4	BTNY 11000	Introduction to Plant Science		1	HORT 11000	Survey of Horticulture	
3	CHM 11100	General Chemistry		3	HORT 20100	Plant Propagation	BTNY 11000 or HORT 10100
4	ENGL 10600	First-year Composition		3	-----	Calculus Selective	
3	HORT 10100	Fundamentals of Horticulture		3	-----	UCC Humanities Selective	

15

16

<b>Fall 2nd Year</b>				<b>Spring 2nd Year</b>			
3	AGRY 25500	Soil Science	CHM 11200	3	BCHM 30700	Biochemistry	CHM 25700
4	CHM 25700	Organic Chemistry	CHM 11200	3	LA 16600	History & Theory of Landscape Architecture	
4	HORT 21700	Woody Landscape Plants		3	-----	Economics Selective	
3	LA 11600	Graphic Communication for Students of Landscape Architects and Design		3	-----	Concentration Selective	
				1	-----	UCC Science, Technology, & Society Selective	
				3	-----	Elective	

14

16

<b>Fall 3rd Year</b>				<b>Spring 3rd Year</b>			
3	BTNY 30500	Fundamentals of Plant Classification	BTNY 11000	3	AGRY 32000	Genetics	BTNY 11000
3	HORT 21800	Herbaceous Landscape Plants		3	BTNY 30200	Plant Ecology	BTNY 11000
4	HORT 30100	Plant Physiology	BTNY 11000 and CHM 25700	3	HIST 30200	History of Horticulture	
3	-----	Statistics Selective		3	-----	Written or Oral Communication Selective	
3	-----	Concentration Selective		2	-----	Elective	

16

14

<b>Fall 4th Year</b>				<b>Spring 4th Year</b>			
3	ENTM 44600	Integrated Plant Health Management for Ornamental Plants	BTNY 11000	1	HORT 44000	Public Garden Management	HORT 21700, completed internship
1	HORT 31000	Plant Design Basics	HORT 21800	3	-----	Communications Selective	
3	HORT 31700	Landscape Contracting & Management	HORT 21700	3	-----	Humanities or Social Sciences Selective	
3	HORT 42000	Ornamental Plant Production	HORT 20100, BTNY 11000, AGRY 25500	3	-----	Supervision/Personnel Selective	
3	-----	Humanities or Social Sciences Selective		3	-----	Elective	
3	-----	Concentration Selective					

16

13

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The highlighted course is considered critical; timely progress toward the degree depends upon steady progress through each course in the plan of study, but this course, in particular, should be completed by the semester indicated.

**Consultation with an advisor may result in an altered plan customized for an individual student.**