

Horticulture, Minor

Horticulture is the science of growing and cultivating plants. This program gives students a foundation in the horticultural sciences to understand important practical aspects of botany while developing skills that are pertinent to a wide range of areas for employment and further studies of botany.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		23
Discipline Core Requirements		23 Credits
Complete the following with a grade of C- or better:		
BIOL 1610 & BIOL 1615	College Biology I BB and College Biology I Laboratory	5
BOT 1800	Introduction to Horticulture	3
BOT 4650	Greenhouse Management	3
Complete 12 credits from the following courses with a grade of C- or higher in each. ¹		12
BIOL 1620	College Biology II (3)	
BIOL 1625	College Biology II Laboratory (1)	
BOT 2400	Plant Kingdom BB (4)	
BOT 3200	Integrated Pest Management (undefined)	
BOT 3210	Controlled Environment Experiments in Horticulture (3)	
BOT 3710	Plant Propagation (3)	
BOT 4100	Plant Anatomy (4)	
BOT 4430	Plant Pathology (3)	
BOT 4700	Plant Tissue Culture WE (4)	
BOT 4505	Applied Virological Methods (undefined)	
MICR 4600	Arthropod-Borne Pathogens (3)	
ZOOL 3430	Entomology (3)	
ZOOL 3435	Entomology Laboratory (1)	

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At least 9 credits must be upper division courses.

Graduation Requirements

Complete all required courses and electives for the minor with a grade of C- or higher in each.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year		Credit Hours
Semester 1		
BIOL 1610	College Biology I BB	4
BIOL 1615	College Biology I Laboratory	1
BOT 1800	Introduction to Horticulture	3
Credit Hours		8
Semester 2		
Elective		3
Credit Hours		3
Second Year		
Semester 3		
Electives		6
Credit Hours		6

Semester 4

BOT 4650	Greenhouse Management	3
Electives		3
	Credit Hours	6
	Total Credit Hours	23

Program Learning Outcomes

1. Demonstrate ability to select, propagate, and manage plants for ornamental, agriculture, or landscape use
2. Effectively manage horticultural systems including greenhouse, interiorscapes, and gardens
3. Quantitatively analyze data in order to efficiently manage horticultural systems
4. Apply botanical and biological knowledge to horticultural problems like plant productivity and pest management