

Horticulture — ABM

Accelerated Bachelor's/Master's Curriculum for the Department of Horticulture

The Accelerated Bachelor's/Master's Program (ABM) offers outstanding students in the Department of Horticulture an opportunity to earn both the bachelor's and the master's degrees in less time and at less cost than usual. The ABM program allows these exceptional horticulture students to count up to 9 hours toward both the bachelor's and master's degrees.

The Bachelor of Science in Horticulture can lead to a Master of Science in Horticulture or a Master of Agriculture in Horticulture in the ABM track. Please see the Department of Horticulture website for additional information, ABM tracks and curriculum models.

Below is a chart of all the approved courses that can be taken in the ABM program and what course that replaces at the undergraduate level.

Code	Title	Hours
HORT 6100	Horticultural Plant Breeding (Replaces HORT 5100 Horticultural Plant Breeding)	3
HORT 6110	Tree Fruit Culture (Replaces HORT 5110 Tree Fruit Culture)	3
HORT 6120	Small Fruit and Pecan Culture (Replaces HORT 5120 Small Fruit and Pecan Culture)	4
HORT 6130	Sustainable Vegetable Crop Production (Replaces HORT 5130 Sustainable Vegetable Crop Production)	3
HORT 6140	Post-Harvest Biology and Technology (Replaces HORT 5140 Post-Harvest Biology and Technology)	3
HORT 6150	Retail Garden Center Management (Replaces HORT 5150 Retail Garden Center Management)	3
HORT 6210	Landscape Bidding, Installation and Maintenance (Replaces HORT 5210 Landscape Bidding, Installation and Maintenance)	4
HORT 6220	Greenhouse Management Science (Replaces HORT 5220 Greenhouse Management Science)	4
HORT 6230	Nursery Management (Replaces HORT 5230 Nursery Management)	4
HORT 6240	Public Garden Management (Replaces HORT 5240 Public Garden Management)	3
HORT 6330	Integrated Pest Management (Replaces HORT 5330 Integrated Pest Management)	3
HORT 6910	Horticulture Practicum (Replaces HORT 5910 Horticulture Practicum)	4
HORT 7040	Advanced Growth and Development of Horticultural Plants (Replaces Group 1 or 2 or General Elective)	3
HORT 7050	Nutritional Requirements of Horticultural Plants (Replaces Group 1 or 2 or General Elective)	3
HORT 7920	Graduate Internship (Replaces HORT 3920 Horticulture Internship)	1-4
HORT 7960	Special Problems (Replaces Group 1 or 2 Elective)	1-3

Example Senior Year for Students in ABM Program - Horticulture

Courses marked with an asterisk are those that can be substituted by graduate level courses by students enrolled in the ABM program to meet nine undergraduate hours during their junior and senior year and nine graduate hours to be used toward their graduate degree.

Junior

Fall	Hours	Spring	Hours	Summer	Hours
HORT 3000 Growth and Development of Horticultural Plants	3	*HORT 5120 Small Fruit and Pecan Culture	4	*HORT 5110 Tree Fruit Culture	3
*Group 1 or 2 ³		*Group 1 or 2	3		
HORT 2060 Hydroponics: Principles and Techniques of Soilless Plant Production	3	HORT 3950 Careers in Horticulture	2		

ENTM 4020 Economic Entomology or 3040 General Entomology	4 PLPA 3000 General Plant Pathology	4
	Core Literature II or Core Humanities	3

Senior

Fall	Hours	Spring	Hours
*Group 1 or 2	3	*HORT 5130 Sustainable Vegetable Crop Production	3
*Group 1 or 2	3	*HORT 5140 Post-Harvest Biology and Technology	3
HORT 4000 Pesticide Management in Horticulture	3	*HORT 5910 Horticulture Practicum	
*General Elective	3	*General Elective	3
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Accelerated Master of Science in Horticulture**Fifth Year**

Fall	Hours	Spring	Hours
HORT 7950 Seminar		1 HORT 7950 Seminar	1
HORT 7990 Research and Thesis		3 HORT 7990 Research and Thesis	3
Select 7 Credits in 6000-8999		7 Select 6 credits in 6000-8999	6
	11		10

Total Hours: 21