

UF/IFAS Bachelor of Science *in Horticultural Sciences*



Specialization in Science and Technology of Horticultural Crops

This specialization offers a broad academic program, covering growth, development, and cultivation of horticultural crops. This specialization can be tailored to individual interests and career objectives, ranging from applied specialty crop production to basic plant biology. Career options include fruit and vegetable grower, farm manager, research biologist, agricultural chemical salesperson, extension agent, produce handling and marketing, retail plant and produce sales, and a number of other opportunities.



	Courses	Credit
Fifth Semester (Fall)		
HOS 3020C	^{TC} Principles of Horticultural Crop Production	4
SWS 3022	Intro to Soils in the Environment	3
SWS 3022L	Intro to Soils Lab	1
PLP 3002C	Fundamentals of Plant Pathology	4
STA 2023	Introduction to Statistics I	3
	Total	15
Sixth Semester (Spring)		
HOS 3430C	Nutrition of Horticultural Crops	3
HOS 4933	^{TC} Professional Development in Horticulture	1
PLS 3223	Plant Propagation	2
PLS 3223L	Plant Propagation Lab	1
ENY 3005	Principles of Entomology	2
ENY 3005L	Principles of Entomology Lab	1
	Practical work experience	2-3
	Approved electives	3
	Total	15-16

	Courses	Credit
Seventh Semester (Fall)		
HOS 4304	^{TC} Horticultural Physiology	3
AGR 3303	Genetics	3
PLS 4601C	Principles of Weed Science	3
HOS 4918	Capstone Planning	1
	Approved electives	6
	Total	16

	Courses	Credit
Eight Semester (Spring)		
HOS 3222C	Greenhouse and Protected Agriculture	3
HOS 4332C	Principles of Postharvest Horticulture	3
HOS 4921	^{TC} Horticultural Sciences Capstone	2-4
	Approved electives	6
	Total	14-16

^{TC}Semester tracking course