

UF/IFAS Bachelor of Science *in Horticultural Sciences*



Specialization in Organic Horticultural Systems

This specialization emphasizes the biological principles, cultural practices, and technological innovations that maintain ecological and economical balance in horticultural crop production systems. This is a flexible option with electives that allow students to meet their own educational career objectives. Graduates will be prepared for a range of careers related to conventional, sustainable, and organic crop production, management, research, and certification.



	Courses	Credit
Fifth Semester (Fall)		
HOS 3020C	^{TC} Principles of Horticultural Crop Production	4
ALS 3153	Agricultural Ecology	3
SWS 3022	Intro to Soils in Environment	3
SWS 3022L	Intro to Soils Lab	1
STA 2023	Introduction to Statistics I	3
HOS 3285	The Organic Debate: Organic Agriculture Dev. & Reg.	1
Total		15
Sixth Semester (Spring)		
HOS 3430C	Nutrition of Horticultural Crops	3
HOS 4933	^{TC} Professional Development in Horticulture	1
AGR 3303	Genetics	3
ENY 3005	Principles of Entomology	2
ENY 3005L	Principles of Entomology Lab	1
	Approved electives	5
Total		15

	Courses	Credit
Seventh Semester (Fall)		
HOS 4304	^{TC} Horticultural Physiology	3
HOS 3281C	Principles of Organic & Sustainable Crop Production	3
PLP 3002C	Fundamentals of Plant Pathology	4
HOS 4918	^{TC} Capstone Planning	1
	Practical work experience	1-2
	Approved electives	3
Total		15-16

	Courses	Credit
Eight Semester (Spring)		
HOS 4283C	Advanced Organic & Sustainable Crop Production	3
WDS 4001	Organic Weed Management	3
HOS 4332C	Principles of Postharvest Horticulture	3
HOS 4921	^{TC} Horticultural Sciences Capstone	2-4
	Approved electives	4
Total		15-17

^{TC}Semester tracking course