

Bachelor of Science in Horticultural Sciences

Specialization in Horticultural Science

Course of Study

FIRST YEAR

Fall Semester			Spring Semester		
Course		Hours	Course		Hours
MAC 1147	* ^w Precalculus: Alg. and Trig. (or MAC 1140 & 1114)	4	CHM 2045	* General Chemistry 1	3
	Composition (GE-C)	3	CHM 2045L	* General Chemistry Lab 1	1
IUF 1000	^w What is the Good Life	3	AEB2014	* ^w Economic Issues, Food, & You (or ECO 2013 or ECO 2023)	3-4
	Social & Behavioral Science (GE-S)	3		Humanities (GE-H)	3
	⁺ Approved electives	2		⁺ Approved electives	5
Total		15	Total		15-16

SECOND YEAR

Fall Semester			Spring Semester		
Course		Hours	Course		Hours
BOT 2010C	* Introductory Botany (or BSC 2010 & 2010L)	3-4	BOT 2011C	* Plant Diversity (or BSC 2011 & 2011L)	4
	Mathematics (GE-M)	2	PHY 2004	* ^w Applied Physics (or PHY 2020)	3
AEC 3033C	^w Research and Business Writing	3	AEC 3030C	Effective Oral Communication	3
	Composition (GE-C)	3		⁺ Approved electives	5
	⁺ Approved electives	4	Total		15
Total		15-16	Total		15

THIRD YEAR

Fall Semester			Spring Semester		
Course		Hours	Course		Hours
HOS 3020	Principles of Horticultural Crop Production	3	HOS 4933	Professional Development in Horticulture	1
ORH 3513C	^w Environmental Plant ID	3	HOS 3430C	Nutrition of Horticultural Crops (Spring odd years)	3
	◊ Pest management course	3-4		◊ Pest management course	3-4
	⁺ Approved electives	6		⁺ Approved electives	8
Total		15-16	Total		15-16

FOURTH YEAR

Fall Semester			Spring Semester		
Course		Hours	Course		Hours
HOS 4304	Horticultural Physiology	3	HOS 4341	Advanced Horticultural Physiology	3
PLS 3223	^w Plant Propagation	2	SWS 3022	^w Intro to Soils in the Environment	3
PLS 3223L	Plant Propagation Lab	1	SWS 3022L	Intro to Soils Lab	1
AGR 3303	Genetics	3		⁺ Approved electives	8
	⁺ Approved electives	6	Total		15
Total		15	Total		15

(continued on the next page)

- * Critical tracking courses
- ^w Online or blended sections available
- ⁺ Must be approved by advisor
- ◇ Pest management courses (select two):
 - ENY 3005 & 3005L Principles of Entomology & Lab (3) F, S, SS
 - PLP 3002C Fundamentals of Plant Pathology (4) F
 - PLS 4601C Principles of Weed Science (3) F
 - HOS 4905 Organic Weed Management (3) S even
 - IPM 3022 Fundamentals of Pest Management (3) S
 - NEM 3002 Principles of Nematology (3) S even

For more information visit: hos.ifas.ufl.edu