

**Bachelor of Science in Horticultural Sciences**  
**Specialization in Horticultural Science**  
 Course of Study (2016-2017)

**FIRST YEAR**

Fall Semester			Spring Semester		
Course		Hours	Course		Hours
MAC 1147	* <sup>w</sup> 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	<sup>w</sup> What is the Good Life	3	AEB2014	* <sup>w</sup> Economic Issues, Food, & You (or ECO 2013 or ECO 2023)	3-4
	Social & Behavioral Science (GE-S)	3		Humanities (GE-H)	3
	<sup>+</sup> Approved electives	2		<sup>+</sup> Approved electives	5
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>15-16</b>

**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	* <sup>w</sup> Applied Physics (or PHY 2020)	3
AEC 3033C	<sup>w</sup> Research and Business Writing	3	AEC 3030C	Effective Oral Communication	3
	Composition (GE-C)	3		<sup>+</sup> Approved electives	5
	<sup>+</sup> Approved electives	4	<b>Total</b>		<b>15</b>
<b>Total</b>		<b>15-16</b>	<b>Total</b>		<b>15</b>

**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	<sup>w</sup> Environmental Plant ID	3	HOS 3430C	Nutrition of Horticultural Crops (Spring odd years)	3
	◊ Pest management course	3-4		◊ Pest management course	3-4
	<sup>+</sup> Approved electives	6		<sup>+</sup> Approved electives	8
<b>Total</b>		<b>15-16</b>	<b>Total</b>		<b>15-16</b>

**FOURTH YEAR**

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

(continued on the next page)

- \* Critical tracking courses
- <sup>w</sup> Online or blended sections available
- <sup>+</sup> 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.ufl.edu](https://hos.ufl.edu)**