

# Horticultural Sciences

## College of Agriculture, Food & Environment



N6 Agricultural Science Center Contact: Wayne Centers - [dsr@uky.edu](mailto:dsr@uky.edu)

If you're interested in understanding the science behind the plants and soil that grow around us, and enjoy working outdoors, Horticulture Sciences may be the path for you.

**Total Hours Required for Degree: 120 - 123**

### Freshman Year Credit Hours: 29

FALL SEMESTER	14	SPRING SEMESTER	15
<a href="#">UK Core - Comp. &amp; Comm. I</a>	3	<a href="#">UK Core - Comp. &amp; Comm. II</a>	3
<a href="#">GEN 100</a>   GEN 100 - ISSUES IN AGRICULTURE, FOOD AND ENVIRONMENT	3	<a href="#">STA 210</a>   STA 210 - MAKING SENSE OF UNCERTAINTY: AN INTRODUCTION TO STATISTICAL REASONING	3
<a href="#">MA 123</a>   MA 123 - ELEMENTARY CALCULUS AND ITS APPLICATIONS	4	<a href="#">PLS 104</a>   PLS 104 - PLANTS, SOILS, & PEOPLE: A SCIENCE PERSPECTIVE	3
<a href="#">PLS 100</a>   PLS 100 - AN INTRODUCTION TO HORTICULTURE PROFESSIONS	1	<a href="#">UK Core - Humanities</a>	3
<a href="#">UK Core - Arts and Creativity</a>	3	<a href="#">CLD 102</a>   CLD 102 - THE DYNAMICS OF RURAL SOCIAL LIFE	3

### Sophomore Year Credit Hours: 32

FALL SEMESTER	16	SPRING SEMESTER	16
<a href="#">CHE 104</a>   CHE 104 - INTRODUCTORY GENERAL CHEMISTRY	3	<a href="#">CHE 108</a>   CHE 108 - INTRODUCTION TO INORGANIC, ORGANIC AND BIOCHEMISTRY WITHOUT LABORATORY	3
<a href="#">PLS 210</a>   PLS 210 - THE LIFE PROCESSES OF PLANTS	3	<a href="#">PLS 366</a>   PLS 366 - FUNDAMENTALS OF SOIL SCIENCE	4
<a href="#">PLS 220</a>   PLS 220 - INTRODUCTION TO PLANT IDENTIFICATION	3	<a href="#">PLS Course</a>	3
<a href="#">PLS 386</a>   PLS 386 - PLANT PRODUCTION SYSTEMS	4	<a href="#">PLS Course</a>	3
<a href="#">Specialty Support</a>	3	<a href="#">UK Core - Global Dynamics</a>	3

### Junior Year Credit Hours: 31

FALL SEMESTER	15	SPRING SEMESTER	16
<a href="#">PLS Course</a>	3	<a href="#">PLS 440</a>   PLS 440 - PLANT PROPAGATION	3
<a href="#">PLS Course</a>	3	<a href="#">PLS Course</a>	4

Specialty Support	3	PLS Course	3
ENT 320   ENT 320 - HORTICULTURAL ENTOMOLOGY	3	Specialty Support	3
Elective	3	Specialty Support	3

## Senior Year Credit Hours: 26 - 31

FALL SEMESTER	13 - 18	SPRING SEMESTER	13
PLS 399   PLS 399 - EXPERIENTIAL LEARNING IN PLANT AND SOIL SCIENCE	1 - 6	PLS 404   PLS 404 - INTEGRATED WEED MANAGEMENT	4
PLS 490   PLS 490 - TOPICS IN PLANT AND SOIL SCIENCE	3	PLS Course	3
PPA 400G   PPA 400G - PRINCIPLES OF PLANT PATHOLOGY	3	Elective	3
Specialty Support	3	Elective	3
Elective	3		

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