

# 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: 31

FALL SEMESTER	16	SPRING SEMESTER	15
UK Core - Comp. & Comm. I	3	UK Core - Comp. & Comm. II	3
GEN 100   GEN 100 - ISSUES IN AGRICULTURE, FOOD AND ENVIRONMENT	3	CLD 102   CLD 102 - THE DYNAMICS OF RURAL SOCIAL LIFE	3
MA 123   MA 123 - ELEMENTARY CALCULUS AND ITS APPLICATIONS	4	PLS 104   PLS 104 - PLANTS, SOILS, & PEOPLE: A SCIENCE PERSPECTIVE	3
CHE 105   CHE 105 - GENERAL COLLEGE CHEMISTRY I	4	BIO 148   BIO 148 - INTRODUCTORY BIOLOGY I	3
CHE 111   CHE 111 - GENERAL CHEMISTRY I LABORATORY	1	UK Core - Humanities	3
PLS 100   PLS 100 - AN INTRODUCTION TO HORTICULTURE PROFESSIONS	1		

### Sophomore Year Credit Hours: 31

FALL SEMESTER	16	SPRING SEMESTER	15
BIO 152   BIO 152 - PRINCIPLES OF BIOLOGY II	3	CHE 107   CHE 107 - GENERAL COLLEGE CHEMISTRY II	3
PLS 220   PLS 220 - INTRODUCTION TO PLANT IDENTIFICATION	3	CHE 113   CHE 113 - GENERAL CHEMISTRY II LABORATORY	2
PLS 386   PLS 386 - PLANT PRODUCTION SYSTEMS	4	PLS 366   PLS 366 - FUNDAMENTALS OF SOIL SCIENCE	4
STA 296   STA 296 - STATISTICAL METHODS AND MOTIVATIONS	3	UK Core - Arts and Creativity	3
UK Core - Global Dynamics	3	Specialty Support	3

### Junior Year Credit Hours: 30

FALL SEMESTER	15	SPRING SEMESTER	15
PLS Course	3	PLS 440   PLS 440 - PLANT PROPAGATION	3

PLS Course	3	PLS Course	3
CHE 236   CHE 236 - SURVEY OF ORGANIC CHEMISTRY	3	PLS Course	3
Specialty Support	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
Specialty Support	3	PLS Course	3
Specialty Support	3	PLS Course	3
Elective	3		

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