KENT STATE UNIVERSITY

Roadmap: Horticulture – Bachelor of Applied Horticulture
[AS-BAH-HOR]
College of Arts and Sciences
Department of Biological Sciences
Catalog Year: 2013-2014

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester One: [15 Credit Hours]					
BSCI 16001 Horticultural Botany	**3**			■	
HORT 16001 Opportunities in Horticulture	**1**			■	
CHEM 10030 Chemistry in Our World	3				Fulfills Kent Core Basic Sciences
CHEM 10031 Chemistry in Our World Laboratory	1				Fulfills Kent Core Basic Sciences Laboratory
COMT 11000 Introduction to Computer Systems	3				
US 10097 Destination Kent State: First Year Experience	1				Not required of transfer students with 25 credits
Kent Core Requirement	3				See Kent Core Summary on page 2
Semester Two: [15 Credit Hours]					
BSCI 26003 Plant Identification and Selection I	**3**			■	
Technical Concentration Elective	**3**			■	**See note 1 on page 3**
BMRT 11000 Introduction to Business	3				
Kent Core Requirement	3				
Kent Core Requirement	3				
Summer I: [6 Credit Hours]					
HORT 26018 Landscape Construction	**3**			■	
HORT 26011 Cooperative Work Experience in Tree Care *or* **HORT 26021 Cooperative Work Experience in Landscape Management** *or* **HORT 26031 Cooperative Work Experience in Turfgrass Management**	**3**			■	**Course is chosen based on concentration and is taken twice, in summer 1 and 2**
Semester Three: [14 Credit Hours]					
BSCI 26004 Plant Identification and Selection II	**3**			■	
GEOG 16001 Soil and Horticultural Management	**3**			■	
HORT 26001 Occupational Regulations and Safety	**2**			■	
HORT 26016 Irrigation Design and Maintenance	3			■	
COMM 15000 Introduction to Human Communication	3				Fulfills Kent Core Additional
Semester Four: [14Credit Hours]					
BSCI 26002 Ecological Principles of Pest Management	**3**			■	
GEOG 31062 Fundamentals of Meteorology (3) *or* **GEOG 31080 Geography of Wine (3)** *or* **HORT 36034 Sport Turf Management (3)** *or* **HORT 41096 Individual Investigation in Horticulture (1-3)**	**2-3**	■		■	**Two courses must be taken during the course of the program**
Technical Concentration Elective	**3**			■	**See note 1 on page 3**
GEOL 21062 Environmental Geology	3				Fulfills Kent Core Basic Sciences
Kent Core Requirement	3				See Kent Core Summary on page 2
Summer II: [6 Credit Hours]					
HORT 36018 Landscape Construction II	**3**	■		■	
HORT 26011 Cooperative Work Experience in Tree Care *or* **HORT 26021 Cooperative Work Experience in Landscape Management** *or* **HORT 26031 Cooperative Work Experience in Turfgrass Management**	**3**			■	**Course is chosen based on concentration; course is taken twice, in summer 1 and 2**

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Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester Five: [15 Credit Hours]					
HORT 36025 Professional Practice in Horticulture	**3**	■	**C**	■	**Fulfills writing-intensive course requirement**
HORT 36046 Landscape Design II	**3**	■		■	
ARTH 22007 Art History II	3				Fulfills Kent Core Fine Arts
GEOG 17064 Geography of the United States and Canada	3				Fulfills Kent Core Social Sciences and domestic diversity requirement
GEOL 41073 Geology of Ohio	3	■			
Semester Six: [12-13 Credit Hours]					
MATH 11009 Modeling Algebra (4) *or* MATH 11010 Algebra for Calculus (3)	3-4				Fulfills Kent Core Mathematics and Critical Reasoning
PHIL 21001 Introduction to Ethics	3				Fulfills Kent Core Humanities and global diversity
Kent Core Requirement	3				
General Elective (upper division)	3	■			
Summer III: [4 Credit Hours]					
HORT 36092 Internship in Horticulture	**4**	■		■	**Fulfills experiential learning requirement**
Semester Seven: [15 Credit Hours]					
HORT 36014 Plant Propagation	**3**	■		■	
GEOG 31062 Fundamentals of Meteorology (3) *or* **GEOG 31080 Geography of Wine (3)** *or* **HORT 36034 Sport Turf Management (3)** *or* **HORT 41096 Individual Investigation in Horticulture (1-3)**	**2-3**	■		■	**Select a course not taken in semester 4**
GEOG 37010 Geography of Ohio	3	■			
Foreign Language	4				See note 2 on page 3; fulfills College General Requirement
General Elective (upper division)	3	■			Number of credits required depends on meeting minimum 121 credit hours and minimum 39 upper-division credit hours
Semester Eight: [9-13 Credit Hours]					
HORT 46014 Garden Center and Nursery Production Management	**3**	■		■	
HORT 46092 Practicum in Horticulture	**3**	■		■	**Fulfills experiential learning requirement**
GEOG 31070 Population and the Environment	3	■			
Foreign Language	0-4				See note 2 on page 3; fulfills College General Requirement

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum Major GPA	Overall GPA
125	39	36	GEOG 17064/ PHIL 21001	HORT 36025	HORT 36092 or 46092	2.000	2.000

Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
Composition (6-8 credit hours) *ENG 11002, 11011, 21011; HONR 10197, 10297*	Enrollment based on placement test	6-8
Mathematics and Critical Reasoning (3-5 credit hours)	Fulfilled in this major with MATH 11009 or MATH 11010	0
Humanities and Fine Arts (9 credit hours) *Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts*	6 credit hours are fulfilled in this major with ARTH 22007 and PHIL 21001	3
Social Sciences (6 credit hours) *Must be selected from two curricular areas*	3 credit hours are fulfilled in this major with GEOG 17064	3
Basic Sciences (6-7 credit hours) *Must include one laboratory*	Fulfilled in this major with CHEM 10030, CHEM 10031 and GEOL 21062	0
Additional (6 credit hours)	3 credit hours are fulfilled in this major with COMM 15000	3

Note 1:   **Choose from the following groups (6 credit hours):**

HORT 26010 Arboriculture	3	HORT 26020 Professional Landscape Management	3	HORT 26030 Turfgrass Management	3
HORT 26012 Urban Forestry	3	HORT 26046 Landscape Design I	3	HORT 26032 Golf Course Management	3

Note 2:   Courses in one foreign language or American Sign Language or equivalent in proficiency required. This requirement may be fulfilled by one of the following two conditions: (1) passing the first two semesters of any foreign language or American Sign Language, or (2) passing a course at the Elementary II level or above.

Special Major Notes:

All courses taken from the list of major program requirements are used in the calculation of the major GPA.

Students who pass 15 credits of non-remedial academic coursework each fall and spring semester and the 1-credit First Year Experience course will accumulate 121 credits in four years. This major requires 126 credits for graduation. Students can stay on track for graduation by:

• Declaring their major as freshmen and completing all courses in sequence (bear in mind that switching majors may cause a delay in graduation);
• Prioritizing required courses above electives;
• Meeting regularly with their academic advisors to stay on track;
• Passing each required course the first time attempted and maintaining the minimal GPA for the major;
• Successfully completing more than 15 credit hours of relevant coursework (field-based work, internship) during academic semesters; and/or
• Completing relevant coursework (field-based work, internship) during summer sessions.

Kent Core
Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit www.kent.edu/catalog/kent-core for course list.

Diversity Course Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit www.kent.edu/catalog/diversity for course list.

Writing-Intensive Course Requirement
Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.000) grade. Visit www.kent.edu/catalog/wic for course list.

Experiential Learning Requirement
To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit www.kent.edu/catalog/elr for course list.

Upper-Division Requirement
Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.

Foreign Language
Visit www.kent.edu/catalog/foreign-languages for course list.