

# KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

Preparation Date **21-Sep-15** Curriculum Bulletin \_\_\_\_\_  
 Effective Date **Fall 2016** Approved by EPC \_\_\_\_\_

Department **Biological Sciences**  
 College **AS - Arts and Sciences / RE - Regional**  
 Degree **AAS - Associate of Applied Science / BAH - Bachelor of Applied Horticulture**  
 Program Name **Horticulture Technology (HORT) / Horticulture (HOR)**  
 Concentration(s) \_\_\_\_\_ Concentration(s) Banner Code(s) \_\_\_\_\_  
 Proposal **Revise program**

**Description of proposal:**

**Revision of administrative oversight of the two horticulture programs and their affiliated HORT courses, from its present unit Department of Biological Sciences/College of Arts and Sciences to its proposed unit Regional College**

Does proposed revision change program's total credit hours?  Yes  No  
 Current total credit hours: \_\_\_\_\_ Proposed total credit hours \_\_\_\_\_

Describe impact on other programs, policies or procedures (e.g., duplication issues; enrollment and staffing considerations; need; audience; prerequisites; teacher education licensure):

**No impact on other programs, policies or procedures. The two programs are offered fully and exclusively at the Salem Campus, and will continue to do so without interruption.**

Units consulted (other departments, programs or campuses affected by this proposal):  
**Salem Campus dean and faculty**

**REQUIRED ENDORSEMENTS**

**Laura Leff**

Digitally signed by Laura Leff  
 DN: cn=Laura Leff, o=Kent State, ou=Biological Sciences,  
 email=lleff@kent.edu, c=US  
 Date: 2015.09.27 13:00:53 -0400

Department Chair – Biological Sciences

\_\_\_\_\_/\_\_\_\_/\_\_\_\_



9/23/15

Campus Dean – Salem Campus



10/27/15

College Dean (or designee) – Arts and Sciences



10/27/15

College Dean (or designee) – Regional

Senior Vice President for Academic Affairs and Provost (or designee)

\_\_\_\_\_/\_\_\_\_/\_\_\_\_

**Proposal Summary for Academic Administrative Change  
Moving Horticulture Degree Programs and Courses  
From the College of Arts and Sciences/Department of Biological Sciences  
To the Regional College**

**Description of Action, Including Intended Effect**

Kent State University at Salem offers two degree programs in horticulture: the Associate of Applied Science degree in horticulture technology (established 1991) and the Bachelor of Applied Horticulture degree (established 2009).

The programs are under the administrative oversight of the Department of Biological Sciences in the College of Arts and Sciences (since 1996 for the associate degree). In 2010, when the Regional College was established and incorporated all regional campus-specific programs, the then-academic program director of the horticulture programs chose to remain under the Arts and Sciences umbrella.

As the two programs are offered fully and exclusively at the Salem Campus, it is proposed that they and their associated HORT courses (see list below) are moved to the Regional College. This will allow for more streamlined practices and procedures, including approvals of curriculum and hiring of faculty.

**Impact on Other Programs, Course Offerings, Students, Faculty, Staff (e.g., duplication issues)**

No other programs or courses will be affected with this move. Horticulture students will continue to be admitted to, take courses at and graduate from the Salem Campus. Student advisement for these programs has always been done by Salem Campus faculty and staff, and this will continue unchanged.

HORT courses will continue to be offered through the Salem Campus. All active HORT courses that will move are the following:

- HORT 10195 Special Topics in Horticulture \*
- HORT 16001 Introduction to Horticulture
- HORT 16010 Floral Design I \*
- HORT 16011 Floral Design II \*
- HORT 16020 Plant Materials I \*
- HORT 16021 Wholesale Floriculture \*
- HORT 16022 Greenhouse Strata \*
- HORT 26011 Cooperative Work Experience in Tree Care
- HORT 26020 Landscape Management
- HORT 26031 Cooperative Work Experience in Turf Grass Management
- HORT 36014 Plant Propagation and Greenhouse Production
- HORT 46014 Garden Center and Nursery Production Management
- HORT 26010 Arboriculture
- HORT 36025 Professional Practice in Horticulture
- HORT 36046 Landscape Design II
- HORT 26016 Irrigation Design and Maintenance
- HORT 26046 Landscape Design I
- HORT 36018 Landscape Construction II
- HORT 36034 Sports Turf Management
- HORT 26001 Occupational Regulations and Safety
- HORT 26018 Landscape Construction
- HORT 26021 Cooperative Work Experience in Landscape Management

- HORT 26030 Turf Grass Management
- HORT 46092 Practicum in Horticulture
- HORT 26012 Urban Forestry
- HORT 30195 Special Topics in Horticulture \*
- HORT 36092 Internship in Horticulture
- HORT 26032 Golf Course Management
- HORT 36092 Internship in Horticulture
- HORT 41096 Individual Investigation in Horticulture

\* Proposed new courses for fall 2016 implementation.

There are five non-HORT courses, see below, that are offered only at the Salem Campus to support the programs (with one exception noted). These courses will remain with their present department.

- BSCI 16001 Horticultural Botany \*
- BSCI 26002 Ecological Principles of Pest Management
- BSCI 26003 Plant Identification and Selection I
- BSCI 26004 Plant Identification and Selection II
- GEOG 16001 Soil and Horticultural Management

\* Also offered at the Ashtabula Campus to support the viticulture degree program.

### **Fiscal, Enrollment, Facilities and Staffing Considerations**

This is no expected impact as this revision is an administrative oversight change, rather than a change in facilities, curriculum or staffing.

The two programs are small in nature. Student enrollment in the horticulture programs has averaged 26 students for the associate and 21 students for the bachelor's each semester for the past five years.

Presently, program staff comprises three full-time faculty (tenured associate professor, lecturer and associate lecturer) and a full-time horticultural facilities coordinator. The faculty members' home department will move from Biological Sciences to Regional College. Current funding of these positions through the Salem Campus will continue unchanged.

### **Evidence of Need and Sustainability if Establishing / Provisions for Phase-Out if Inactivating**

Not applicable.

### **Timetable and Actions Required:**

- Approval from Salem Campus faculty and dean.....23 September 2015
- Approval from Biological Sciences faculty and chair .....27 September 2015
- Approval from Regional College Curriculum Committee .....23 October 2015
- Approval from Regional College dean.....27 October 2015
- Approval from Arts and Sciences dean.....27 October 2015
- Approval from Provost.....6 November 2015
- Approval from Educational Policies Council .....16 November 2015
- Approval from Faculty Senate .....7 December 2015
- Implementation..... Fall 2016

**Kent State University Catalog 2015 - 2016**

Search

**College of Arts and Sciences**

- » View Undergraduate Programs
- » View Minors
- » View Graduate Programs
- » View Certificate Programs
- » View Policies
- » View Faculty

**More Undergraduate Programs** >

- » College of Applied Engineering, Sustainability and Technology
- » College of Architecture and Environmental Design
- » College of Business Administration
- » College of Communication and Information
- » College of Education, Health and Human Services
- » College of Nursing
- » College of Podiatric Medicine
- » College of Public Health
- » College of the Arts
- » Honors College
- » Regional College
- » School of Digital Sciences
- » University College

**Horticulture Technology - A.A.S.**

Kent State University 2015 Catalog > College of Arts and Sciences > Undergraduate Programs > **Horticulture Technology - A.A.S.**

Download to print

**College** College of Arts and Sciences

**Department** Department of Biological Sciences  
256 Cunningham Hall  
Tel: 330-672-3613  
E-mail: [kentbiology@kent.edu](mailto:kentbiology@kent.edu)  
Web: <http://www.kent.edu/biology>

**Resources**

- Roadmaps
- Program Requirements
- College Policies
- Academic Policies

**Description** The Associate of Applied Science in Horticulture Technology prepares students for careers in landscape management, turf management, tree care, nursery and greenhouse operations and related horticultural professions. In addition to a core of horticulture and basic science courses, the major provides three areas of concentration: urban forestry, landscape design and turfgrass management. The program emphasizes practical experience through hands-on training in outdoor labs and site visits to employers. Students complete two paid summer internships in their areas of concentration. Requirements articulate with the Bachelor of Applied Horticulture. This program is available at the Salem Campus.

**Career Opportunities** Grounds maintenance workers held about 1.5 million jobs in 2006. More than one-third of the workers in grounds maintenance were employed in companies providing landscaping services to buildings and dwellings. Others worked for amusement and recreation facilities, such as golf courses and racetracks; educational institutions, both public, and private; and property management and real-estate development firms. Some were employed by local governments, installing and maintaining landscaping for parks, hospitals, and other public facilities. Almost 24 percent of grounds maintenance workers were self-employed, providing landscape maintenance directly to customers on a contract basis.

(Source: Bureau of Labor Statistics)

**Admission Requirements** Admission is open to anyone with a high school diploma or its equivalent.

**Graduation Requirements** Minimum 72 credit hours. Minimum 2.000 cumulative and major GPA.

**Program Learning Outcomes** Graduates of this program will be able to:

1. Interpret soil test results, analyze and determine ways to amend soils.
2. Demonstrate the knowledge of plant characteristics, culture, use, propagation, identification, and taxonomy.
3. Demonstrate the knowledge of pest characteristics, damage, control strategies, IPM, identification and taxonomy.
4. Demonstrate problem solving, critical thinking, antecedent consequence and hypothetical reasoning.
5. Work and demonstrate successfully their skills in the work place.
6. Develop business, communication, computer, math skills and their application.
7. Develop knowledge of the proper safety procedures used in the workplace.



[Home](#) | [Emergency Information](#) | [Jobs](#) | [For the Media](#) | [Mobile Site](#)

As a top Ohio undergraduate and graduate school, Kent State's eight campuses offer the resources of a large university with the friendly atmosphere of a liberal arts college. Enroll today to start pursuing your future at one of the best colleges in Ohio. We've been educating graduates for over 100 years; join us today.

Copyright 2014 Kent State University Kent, Ohio 44242 Phone: 330-672-3000

# Kent State University Catalog 2015 - 2016

Search

## College of Arts and Sciences

- » View Undergraduate Programs
- » View Minors
- » View Graduate Programs
- » View Certificate Programs
- » View Policies
- » View Faculty

**More Undergraduate Programs** >

- » College of Applied Engineering, Sustainability and Technology
- » College of Architecture and Environmental Design
- » College of Business Administration
- » College of Communication and Information
- » College of Education, Health and Human Services
- » College of Nursing
- » College of Podiatric Medicine
- » College of Public Health
- » College of the Arts
- » Honors College
- » Regional College
- » School of Digital Sciences
- » University College

## Horticulture - B.A.H.

Kent State University 2015 Catalog > College of Arts and Sciences > Undergraduate Programs > **Horticulture - B.A.H.**

Download to print

**College** College of Arts and Sciences

**Department** Department of Biological Sciences  
256 Cunningham Hall  
Tel: 330-672-3613  
E-mail: [kentbiology@kent.edu](mailto:kentbiology@kent.edu)  
Web: <http://www.kent.edu/biology>

### Resources

- Roadmaps
- Program Requirements
- College Policies
- Academic Policies

**Description** The Bachelor of Applied Horticulture provides a course of study for students who have completed the Associate of Applied Science in Horticulture Technology and wish to complete a bachelor's degree in their chosen field. The program builds upon the knowledge acquired in the associate's degree and aids students in the development of managerial level expertise in such areas as landscape architecture, urban ecology, sports turf management, landscape design, plant propagation and nursery operations. This degree is designed to increase the student's potential by emphasizing technical application and theory, while the liberal education requirements will increase the student's ability to understand the environment in which he or she is working. Expanded internship offerings and specific targeted practicum areas for student exploration are promoted. The program is offered at the [Salem](#) campus.

**Career Opportunities** Landscape architects held about 28,000 jobs in 2006. More than 1 out of 2 landscape architects were employed in architectural, engineering, and related services. State and local governments employed approximately 6 percent of all landscape architects. About 2 out of 10 landscape architects were self-employed.

Employment of landscape architects is concentrated in urban and suburban areas throughout the country; some landscape architects work in rural areas, particularly those employed by the Federal Government to plan and design parks and recreation areas.  
(Source: Bureau of Labor Statistics)

**Admission Requirements** Admission is open to students who have completed the Associate of Applied Science in Horticulture Technology.

**Graduation Requirements** Minimum 125 credit hours and 39 upper-division credit hours. Minimum 2.000 cumulative and major GPA.

**Program Learning Outcomes** Graduates of this program will be able to:

1. Interpret soil test results, analyze and determine ways to amend soils.
2. Demonstrate the knowledge of plant characteristics, culture, use, propagation, identification, and taxonomy.
3. Demonstrate the knowledge of pest characteristics, damage, control strategies, IPM, identification and taxonomy.
4. Demonstrate problem solving, critical thinking, antecedent consequence and hypothetical reasoning.
5. Work and demonstrate successfully their skills in the work place.
6. Develop business, communication, computer, math skills and their application.
7. Develop knowledge of the proper safety procedures used in the workplace.



[Home](#) | [Emergency Information](#) | [Jobs](#) | [For the Media](#) | [Mobile Site](#)

As a top Ohio undergraduate and graduate school, Kent State's eight campuses offer the resources of a large university with the friendly atmosphere of a liberal arts college. Enroll today to start pursuing your future at one of the best colleges in Ohio. We've been educating graduates for over 100 years; join us today.

Copyright 2014 Kent State University Kent, Ohio 44242 Phone: 330-672-3000