

# **Department of Horticulture Undergraduate Handbook**

## **B.S. Degree in Horticulture, Plant & Soil Science**



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## **The Department of Horticulture**

The University of Kentucky Department of Horticulture conducts research, offers graduate and undergraduate programs of study, and delivers research-based technology and information to the nursery and landscape, vegetable, fruit, and floriculture industries, and to the general public through the Cooperative Extension Service.

The Department of Horticulture emphasizes sustainable production systems. Its mission is to discover new knowledge, develop and evaluate new technologies and appropriate use of environmental resources for horticultural crop production and utilization, and deliver information to horticultural clientele for improving the quality of life in Kentucky, the United States, and the world.

The Department of Horticulture consists of 17 research, teaching and Extension faculty housed on the Lexington Campus and the Research and Education Centers at Princeton and Quicksand.

The horticulture faculty bring practical and research experience to the classroom. All horticulture courses are taught by faculty members who have contact with horticulture businesses through extension programs or experience with modern plant science through research programs.

Visit the Department's website at  
<http://www.uky.edu/hort/>

## **Department of Horticulture - Faculty List**

<b>Active Faculty</b>	<b>Address</b>	<b>Professional area</b>	<b>PLS courses</b>
<u>Agri. Sci. Bldg –N</u>			
Doug Archbold	N308c	Fruit Research	PLS 520
Richard Durham	N308g	Consumer Hort. Extension	PLS 220, 490
Bill Fountain	N310b	Arboriculture Extension	
Krista Jacobsen	N310c	Sustainable Ag. Research	PLS 386
Robert Houtz	N318f	Department Chair	PLS 503
Dewayne Ingram	N310f	Nursery Extension	PLS 100, 525
Brent Rowell	N310d	International programs	
Shubin Saha	N322c	Vegetable Extension	
Ruth Scott	N310a	Floral design	PLS 240, 340
John Snyder	N322b	Vegetable Research	
John Strang	N308a	Fruit and Vegetable Ext.	
Mark Williams	N322d	Sustainable Ag. Research	PLS 386, 451
Patsy Wilson	N308e	Grape Extension	
<u>Plant Science Bldg</u>			
Bruce Downie	401a	Seed Biology Research	PLS 622, 657
Robert Geneve	401b	Propagation Research	PLS 320, 440
Seth DeBolt	309	Plant Physiology Research	PLS 335
Winston Dunwell	<u>Princeton</u>	Nursery Extension	
Shawn Wright	<u>Quicksand</u>	Vegetable and Fruit Ext.	
<b>Teaching Staff</b>			
Jeff Wheeler		Grape Research	PLS 336, 337

### **Emeritus Faculty**

Robert Anderson, Jack Buxton, Terry Jones, Thomas Kemp, Robert McNiel, C.R. Roberts, Mary Witt, Sharon Bale

## **Career Opportunities**

As a graduate of the Plant & Soil Science degree program with an area of emphasis in Horticulture Enterprise Management or Horticultural Science you may pursue a wide range of professions.

Production horticulture: self-employment or management of operations that produce fruit, vegetable, flower, or landscape plants for retail, wholesale, or processing industries.

Retail Horticulture: self-employment or management of operations that sell fruit, vegetables, flowers, and landscape plants to the public at garden centers, nurseries, landscape companies, landscape contractors, greenhouses, roadside markets, farmers markets and flower shops; managers or sales and marketing representatives for regional and national retailers.

Horticulture Education: adult and youth educator as county extension agent or in plant science and horticulture programs; consumer horticulture instructor in community education programs; horticulture writer for newspapers, magazines, radio and television.

Horticulture Research: advanced degrees in horticulture prepare students to teach, conduct Extension programs and direct research studies in horticulture, plant science, and biotechnology at colleges, universities and with major industries.

Horticulture consulting: design, construction and maintenance of exterior and interior landscapes for residential, estate and commercial uses; arborists; pest management professionals.

National Horticulture Businesses: technical and sales representatives for horticultural seed, fertilizer, and chemical companies; research in plant breeding, biotechnology, tissue culture, and horticulture chemical product development.

Recreational Facilities: administrator of native, ornamental, and exotic plant collections at arboreta, botanic gardens, state parks, theme parks, and zoos.

Government Agencies, Leadership, Policy Management: plant inspectors, lobbyists, urban tree specialists, and zoning inspectors.

International Agricultural Development: horticulture crop specialists for developing countries and Peace Corps.



# Horticulture, Plant and Soil Science

**MAJOR:** B.S. in Horticulture, Plant & Soil Science

**NUMBER OF FACULTY:** 61

**THEMES/FOCUS AREAS/CONCENTRATION AREAS:**

- ❖ **HORTICULTURE ENTERPRISE MANAGEMENT** - Students with an interest in horticulture (fruits, vegetables, greenhouse, and nursery production) pursue an emphasis in Horticulture Enterprise Management.
- ❖ **CROPS, SOILS & HORTICULTURE SCIENCE** - Students interested in attending graduate school following their B.S. degree pursue the HPLS Science option where they emphasize coursework in botany, plant physiology, and horticultural science as well as an undergraduate research experience.
- ❖ **CROPS AND LIVESTOCK** – emphasizes the intersections between the crop and livestock industries. Graduates find their niche in agricultural extension or livestock and crop consulting, farm management, and production agriculture, or agricultural supply business.
- ❖ **TURFGRASS SCIENCE** – emphasizes the science and business aspects of intensively managed grass plantings. Graduates are employed in golf course management, the commercial lawn care industry, and the management of turf fields for other sports.

**PROGRAM HIGHLIGHTS:** The Horticulture, Plant and Soil Sciences profession is concerned with plants used for food, fiber, forage, oil, recreation, landscaping, enhancing the human environment, conservation of our soil and water resources, and all related services. If you're interested in understanding how plants grow, if you enjoy the basic sciences and using advanced computer technology, if you'd like to work outdoors or own a farm or business, if you want to educate others or have the opportunity for international travel, then consider a major in Horticulture, Plant and Soil Sciences at the University of Kentucky.

**POSSIBLE CAREERS:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Extension Agent</li> <li>• Livestock or Crop Consultant</li> <li>• Farm Manager</li> <li>• Agribusiness Sales</li> <li>• Nursery Manager</li> </ul> | <ul style="list-style-type: none"> <li>• Landscaping</li> <li>• Commercial Lawn Care</li> <li>• Athletic Field Manager</li> <li>• Golf Course Manager</li> <li>• Arborist</li> </ul> |
|--|--|

**EDUCATIONAL OPPORTUNITIES (INTERNSHIPS, RESEARCH, STUDY ABROAD, EXPERIENTIAL LEARNING):**

- All PSSC students are required to complete an internship or research project
- The Horticulture Club students tour nationally and internationally to places such as the Pacific Northwest, Alaska, China, New Zealand and Europe to learn about native species in these areas.

**CONTACT AND WEBSITE:**

Horticulture options – Dr. Bob Geneve, [rgeneve@uky.edu](mailto:rgeneve@uky.edu), 859-257-8610, <http://www.uky.edu/hort/studentinfo>  
 Crops & Livestock or Turfgrass Science – Dr. John Grove, 859-257-5852, [jgrove@uky.edu](mailto:jgrove@uky.edu),  
<http://academics.ca.uky.edu/ugd/HorticulturePlantSoilScience>

**Bachelor of Science in Horticulture, Plant & Soil Science**  
**Enterprise Management option 4-Year Plan**  
**Effective Fall 2015**



<u>Fall First Year</u>			<u>Spring First Year</u>		
CIS/WRD 110	Comp & Comm I	3	CIS/WRD 111	Comp & Comm II	3
CLD 102	Dynamics of Rural Social Life	3	CHE 105	General Chemistry I	4
GEN 100	Current Issues in Ag & NRE	3	CHE 111	General Chemistry Lab I	1
MA 123	Elementary Calculus	4	STA 210	Intro to Stat Reasoning <b>OR</b>	
PLS 100	Intro to Hort Professions	1	STA 296	Stat Methods & Motivation	3
UK Core	Arts & Creativity	<u>3</u>	PLS 104	Plants, Soils & People: A Science Perspective	<u>3</u>
		17			14
<u>Fall Second Year</u>			<u>Spring Second Year</u>		
CHE 107	General College Chemistry II	3	PLS 366	Fundamentals of Soil Science	4
CHE 113	General Chemistry Lab II		PLS	PLS Courses	
2			3		
PLS 210	Life Processes of Plants	3		Specialty Support	6
PLS 220	Intro to Plant Identification	3	UK Core	Global Dynamics	<u>3</u>
UK Core	Humanities	<u>3</u>			16
		14			
<u>Fall Third Year</u>			<u>Spring Third Year</u>		
PLS 386	Plant Production Systems	4	PLS 440	Plant Propagation	3
PLS	PLS Course	6	PLS 520	Fruit & Vegetable Production	4
	Specialty Support	<u>6</u>	PLS	PLS Course	3
		16		Specialty Support	<u>6</u>
					16
<u>Fall Fourth Year</u>			<u>Spring Fourth Year</u>		
PLS 395	Special Problems in PSSC <b>OR</b>		PLS 404	Integrated Weed Management	4
PLS 399	Experiential Learning in PSSC	3	PLS 470G	Soil Nutrient Management	3
PLS 490	Topics in PSSC		PLS 525	Greenhouse Floral Crop Mgmt	4
3				Electives	<u>1</u>
PPA 400G	Principles of Plant Pathology	3			12
	Specialty Support	3			
	Electives	<u>3</u>			
		15			
Total Credits					120

**Bachelor of Science in Horticulture, Plant & Soil Science**  
**Science option 4-Year Plan**  
**Effective Fall 2015**



<u>Fall First Year</u>			<u>Spring First Year</u>		
CIS/WRD 110	Comp & Comm I	3	CIS/WRD 111	Comp & Comm II	3
GEN 100	Current Issues in Ag & NRE	3	CLD 102	Dynamics of Rural Social Life	3
MA 123	Elementary Calculus	4	CHE 105	General Chemistry I	4
PLS 104	Plants, Soils & People: A Science Perspective	3	CHE 111	General Chemistry Lab I	1
UK Core	Arts & Creativity	<u>3</u>	STA 210	Intro to Stat Reasoning <b>OR</b>	
		16	STA 296	Stat Methods & Motivation	<u>3</u>
					14
<u>Fall Second Year</u>			<u>Spring Second Year</u>		
BIO 148	Introductory Biology I	3	BIO 152	Principles of Biology II	3
CHE 107	General College Chemistry II	3	CHE 226	Analytical Chemistry <b>OR</b>	
CHE 113	General Chemistry Lab II	2	CHE 230	Organic Chemistry I <b>OR</b>	
PLS 366	Fundamentals of Soil Science	4	CHE 236	Survey of Organic Chemistry	3
UK Core	Global Dynamics	<u>3</u>	PLS	PLS Course	3
		15		Specialty Support	3
			UK Core	Humanities	<u>3</u>
					15
<u>Fall Third Year</u>			<u>Spring Third Year</u>		
PLS 220	Intro to Plant Identification	3	PLS 404	Integrated Weed Management	4
PLS 386	Plant Production Systems	4	PLS	PLS Course	6
PLS	PLS Course	3		Specialty Support	<u>6</u>
	Specialty Support	<u>6</u>			16
		16			
<u>Fall Fourth Year</u>			<u>Spring Fourth Year</u>		
PLS 395	Special Problems in PSSC <b>OR</b>		PLS 470G	Soil Nutrient Management	3
PLS 399	Experiential Learning in PSSC	3	PLS 490	Topics in PSSC	3
PLS	PLS Courses		PLS	PLS Course	3
3				Electives	<u>4</u>
	Electives	<u>9</u>			13
		15			
Total Credits					120

<sup>1</sup>Students should select from the following list of recommended specialty support courses:  
 BIO 304, BIO 308, BIO 315, BIO 430G, EES 220, PHY 211, PHY 213, CHE 231, CHE 232, CHE 233.



## Undergraduate Internship Program in Horticulture

An internship is required for each Horticulture student graduating from the undergraduate Plant & Soil Science degree program with an area of emphasis in Horticulture Enterprise Management or Horticultural Science. The program requires students focusing in horticulture to complete 10 weeks of full-time or 400 hours of part-time employment in a horticultural related industry.

The requirement represents only a minimum amount of work experience; students are encouraged to obtain as much practical experience as possible during their college career. If you are a junior or senior and have not officially completed an internship, you must begin to consider how to satisfy the requirement.

Over 400 horticulture internship opportunities are listed at:  
[www.hes.ohio-state.edu/hes/Ed/Interns.html](http://www.hes.ohio-state.edu/hes/Ed/Interns.html)

Internships are organized by crop specialty (landscape horticulture, floriculture, fruits & vegetables, and agronomic); primary business type (wholesale production, retail sales, landscape services, public gardening, golf courses, and research); as well as by state.

Please visit Dr. Robert Geneve (Internship Coordinator, 401b Plant Science Building) to discuss your internship plans. Additional information about internships is available in Room N-308 Agriculture Science North. The next several pages describe the Internship Program in more detail.

The internship may be taken for credit by enrolling in PLS 399 Experimental Learning in Plant and Soil Science. Prior to enrolling, you must complete a learning contract (see below). A file version of the contract is at:

[www.uky.edu/Ag/Horticulture/pss.html](http://www.uky.edu/Ag/Horticulture/pss.html).

After completing the contract, it will be signed by you, Dr. Geneve, the Chair of Horticulture Department and Associate Dean for the College. The Dean's office will then enroll you in PLS 399. If you do the internship during the summer, you will be enrolled for it during the next fall semester.



# Undergraduate Internship Program in Horticulture

## Description of Program

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### Purpose of Internship

The program provides the student with the opportunity to:

- Experience working in a horticultural or closely related industry.
- Develop manual skills - use equipment, techniques, etc.
- Learn management skills.
- Evaluate and develop self-confidence and leadership ability while working with others.
- Develop personal contacts with leaders in the industry.
- Develop job placement opportunities.
- Apply theory to practice.
- Identify weaknesses in student's own educational program and/or that of the department or university.
- Prepare a personal resume and experience other aspects of seeking employment, such as interviewing.

### Department Policies and Procedures

The internship requirement specifies that all students majoring in horticulture must complete 10 weeks of full-time or 400 hours of part-time employment in a horticulture related industry before graduation, for which they may receive 0-6 credit hours (PLS 399). After completion of the work experience and submission of reports and evaluations (as described below), the internship will be graded on a Pass (P) or Fail (F) basis.

### **Student Responsibilities**

The Student is expected to:

1. Obtain internship employment on their own with the advice of faculty. The student is encouraged to consider the Spring or Fall semesters to internship. In many instances, summer is the least desirable time to obtain broad experience in horticulture production.
2. Complete an Experiential Learning Contract.
3. Provide their own board, room and transportation expenses associated with the job as necessary. Some employers may offer assistance in this regard, explore the possibility during the interview. Scholarships are also available for financial assistance.
4. Conduct themselves in a manner befitting the Program, the Department, and the University of Kentucky.
5. Apply themselves well to assigned work and responsibilities and demonstrate a positive attitude.
6. Use the training experience to increase their knowledge of the horticulture industry and practices.
7. Request permission from the employer before taking time off.
8. Student-interns fired for substandard work performance will not receive internship credit. Submit a work experience report to the Internship Coordinator at the completion of the internship.
9. Share your internship experiences with other students in PLS 100 to encourage productive internships.

### **Employer-Cooperator Responsibilities**

The Employer-Cooperator is expected to:

1. Pay a reasonable wage scale for the type of work involved. Employment arrangements are between the student and the employer. Where possible, it is appropriate for the employer to provide assistance with transportation, room and board, or other fringe benefits. The employer should consider employment of students as an investment in the future of the industry.
2. Provide the student an opportunity for a meaningful work and learning experience. Particularly useful internship work experiences are those which provide a diversity of experiences that give students an overview and appreciation of various aspects of the operation or business, for example, where applicable, exposure to all phases of growing and production of crops, familiarity with special techniques and equipment, harvesting, handling and storage or processing, financing, personnel management, etc.
3. Immediately complete and return an evaluation of the student's performance to the Internship Coordinator at the end of the work period (a form will be sent after the student notifies the committee that the internship has been completed). Conduct periodic discussions and reviews with the student during the course of employment concerning the job performance.
4. Make suggestions to the Internship Coordinator or the Department of Horticulture for program improvement and implementation.

# Work Experience Report

## Background Sketch of Organization

1. **Business Location**
2. **Nature of the Enterprise** - product or service, growth potential, market for the product, market competition, etc.
3. **Organizational Structure** - department maintenance, sales, research, responsibilities, etc.
4. **Site Characteristics** - soil, water, topography, etc.
5. **Structures** - buildings, greenhouses, storage, over-wintering
6. **Personnel** - numbers, education, full-time vs. seasonal
7. **Management** - work schedule, hiring practices, employee turnover, number of employees, software used in management, etc.
8. **Equipment** - what equipment was used by the enterprise? What did you operate?
9. **Printed Material** - if possible, collect printed material from the business such as advertisements, forms, brochures, personnel sheets, etc.

## Attainment of Internship Objectives - in your report consider the following:

1. Did you have a rewarding work experience? Explain.
2. Did your education up to this point help you better understand or appreciate the job?
3. Were you prepared to handle most aspects of the employment?
4. What new manual skills did you acquire?
5. What leadership responsibilities were you given, if any? Were you exposed to different facets of the business? How?

## IV. Conclusions

1. Did you see a place for college graduates in this type of organization? If so, how?
2. How could you have prepared yourself beforehand to get more out of this work experience?

A copy of the Work Experience Report must be submitted to the Internship Coordinator and a brief oral presentation about your internship needs to be presented in PLS 100 (Introduction to Horticulture) in order to receive credit for your internship.

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It is also suggested that you keep a personal journal while on the job. This journal should be considered a reference for your future work experiences. A personal journal should include your impressions of job activities and interpersonal relationships. The journal should detail the routine operations, cultural practices, and other procedures experienced. Include crop production schedules, rotation schedules, management schedules for maintenance and installation jobs, etc. Make notes of specific things: what type of irrigation was used? What were the major pests and how were they controlled, etc.?



## COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

### Internship Program LEARNING CONTRACT

1. Please complete this contract with your faculty advisor.
2. Complete contracts must include student signature, faculty sponsor, and department chair approval.  
(Associate Dean Approval is no longer required for Departmental Internship Courses)
3. Upon completion with department approval, submit your complete contract to N8 Advising Resource Center for registration into your internship course.

Questions? Contact Amanda Saha, Director Career Development & Academic Enrichment  
[Amanda.saha@uky.edu](mailto:Amanda.saha@uky.edu) or 859-257-3468

#### ***Student Information***

Student Name:

E-mail:

Phone:

Address:

City/ST/Zip

Major:

College:

Class Level:

Student Number (*not SSN*):

#### ***Internship Partner Information***

Organization/Company Name:

Supervisor's Name:

E-mail:

Phone:

Address

City/ST/Zip:

#### ***Course Information***

Semester/Year:

Course:

Credit Hours:

#### ***Hours***

Starting Date:

Ending Date:

Total Number of Weeks:

Average Hours Per Week:

Total Hours Worked:

Describe the duties of your internship:

List your learning objectives for this experience:  
(What do you expect to learn from this experience? Objectives should be measurable and achievable.)

Specify the assignments agreed upon with your faculty sponsor:

The student will submit a Work Experience Journal to the Internship Coordinator and a brief (15 min.) oral presentation about your internship needs to be presented in PLS 100 (Introduction to Horticulture) in order to receive credit for your internship.

It is also suggested that you keep a personal journal while on the job. This journal should be considered a reference for your future work experiences. This journal should be considered a reference for your future work experiences. Keep a personal account that includes your impressions of job activities and interpersonal relationships. . The journal should detail the routine operations, cultural practices, and other procedures experienced. Include crop production schedules, rotation schedules, management schedules for maintenance and installation jobs, etc. Make notes of specific things: what type of irrigation was used? What were the major pests and how were they controlled, etc.?

Specify dates and times you have agreed to meet with your faculty sponsor for critical reflection:  
(Dates/times may be specific or in general terms. "To Be Determined" is not acceptable.)

The student will meet with the internship director prior to beginning the internship. The purpose of the meeting is the student and the director to evaluate the desirability of the internship. The final internship report will be submitted to the Director of the internship program as soon as possible upon completion of the internship.

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Faculty Sponsor:  
Department:  
Campus Address:  
Phone:  
E-mail:

Department / Program Chair or Coordinator:  
Department:  
Campus Address:

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Faculty Sponsor Signature      Date

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Department / Program Signature      Date  
(Internship Coordinator or Chair)

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Student Signature      Date

## Scholarships

Scholarships are available from National, University, College, and Departmental sources. Each scholarship source can have its own unique requirements, but if eligible, you are encouraged to apply. In general, scholarship committees consider your field of study, academic record (usually a GPA 2.5 or higher), participation in extracurricular activities, and professional potential. Scholarship information including some application forms is available in Room N-318 Agriculture Science North.

### Scholarship Listing

#### Department/College Level

##### College of Agriculture Scholarships

For in-coming freshmen and undergraduate students enrolled in the College of Agriculture. You can apply for these scholarships using a single College application. Find more information at

<http://www2.ca.uky.edu/academics/scholarships>

##### **Deadline:**

**February 1 In-coming Freshmen**  
**April 1 Undergraduates**

##### Department of Horticulture Scholarships

These are included within the College scholarships. They include:

- James Stevens Memorial Scholarship
- Mr. and Mrs. Emmette Hart Scholarship
- Clarence Matthews Scholarship
- Robert, Laverne and Elmira Scott Scholarship
- Tom Groves Scholarship

Department of Horticulture Scott's grant

Deadline; April 1

#### State Level

The Garden Club of Kentucky, Inc.

<http://gardenclubky.org/index.php/scholarships>

Deadline: March 1

The Community Foundation of Louisville

- The Thaddeus Colson and Isabelle Saalwaechter Fitzpatrick Memorial Scholarship Fund

[http://www.cflouisville.org/page13940.cfm?BR\\_OWSERESULTS=1#dstop](http://www.cflouisville.org/page13940.cfm?BR_OWSERESULTS=1#dstop)

Deadline: March 15

Kentucky Women in Agriculture, Inc.

<http://www.kywomeninag.com/scholarship.php>

Deadline: May 15

Charles E. Wilson Memorial Scholarship.

Kentucky Nursery and Landscape Assoc.

<http://www.knla.org/scholarship>

Deadline: May 31

#### National Level

National Council of State Garden Clubs, Inc.

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<http://www.gardenclub.org/Youth/Scholarships.aspx>

Deadline: March 1

American Society for Horticultural Sciences

ASHS Scholars Award

[http://ashs.org/db/awards/record\\_detail.lasso?x=39](http://ashs.org/db/awards/record_detail.lasso?x=39)

Deadline: February 4



### Horticulture Research Institute

<http://www.hrresearch.org/index.cfm?page=Content&categoryID=167>

Deadline: May 31

- Timothy Bigelow and Palmer W. Bigelow, Jr. Scholarship
- Carville M. Akehurst Memorial Scholarship
- Muggets Scholarship
- Spring Meadow Nursery Scholarship

### American Floral Endowment

<http://www.endowment.org/floriculture-scholarshipsinternships.html>

Internship Scholarships

- **Vic & Margaret Ball Intern Scholarship Program**
  - **Mosmiller Intern Scholarship Program**
- Deadlines: March 1 and October 1**

AFE Scholarships

**Deadline: May 1**

Paul Ecke, Jr. Scholarship

**Deadline: February 1**

### Planet Academic Excellence Foundation

<http://www.landcarenetwork.org/foundation/scholarships/about.cfm>

Deadline: December 10

### Perennial Plant Association

<http://www.perennialplant.org/newsdetail.asp?ID=190>

Deadline: March 1

### Turf and Ornamental Communicators Association (TOCA) Scholarship

<http://www.toca.org/awards.html>

Deadline: March 1

### Joseph Shinoda Memorial Scholarship Foundation

<http://www.shinodascholarship.org/apply.htm>

Deadline: March 1

### Proven Winners Scholarship

[www.provenwinners.com/25000scholarship](http://www.provenwinners.com/25000scholarship)

Deadline: April 1

### Landscape Architecture Foundation

<http://lafoundation.org/scholarship/leadership-in-landscape/> Deadline: February 15

### Bartlett Tree Foundation Grant-in-aid

[http://www.facebook.com/note.php?note\\_id=492540942997](http://www.facebook.com/note.php?note_id=492540942997)

Deadline: February 1

### The Society of Commercial Arboriculture

<http://sca.isa-arbor.com/Students/Students.aspx>

Deadline: May 1

### GPN/Nexus Intern Scholarship

<http://www.gpnmag.com/>

Deadline: October 18

### American Society for Enology and Viticulture

### Eastern Wine Industry Student Scholarships

[http://www.nysaes.cornell.edu/fst/asev/forms/Scholarship\\_Letter2010.pdf](http://www.nysaes.cornell.edu/fst/asev/forms/Scholarship_Letter2010.pdf)

Deadline: April 17

### Garden Writers Foundation

[http://www.gardenwriters.org/gwa.php?p=gwaofundation/student\\_scholarships.html](http://www.gardenwriters.org/gwa.php?p=gwaofundation/student_scholarships.html)

Deadline: December 10

### Michigan State Horticultural Society Fruit and Vegetable Industry Scholarships

<http://www.mihortsociety.org/page4.htm>

Deadline: September 30

## **Extramural Activities**

Many opportunities exist for students to become involved in activities outside the classroom. Through these activities the student becomes better acquainted with other students and faculty in an informal atmosphere. Students also participate in group activities and develop leadership skills which will help in a future professional career.

### Horticulture Club

The University of Kentucky Horticulture Club provides the atmosphere and means for students to gain additional knowledge, experience, and friendship beyond the classroom environment.

The HortClub meets every two weeks during the semester. Activities include programs on diverse horticulture subjects, field trips, student initiated projects, work sessions and parties.

The HortClub engages in specialty plant sales and money raising events each year to partially fund field trips.

### Field Trips

Field trips are periodically organized to visit the horticulture industry. Past field trips have visited arboreta, nurseries, greenhouses, vegetable & fruit production facilities, and garden centers in the USA, Canada, Europe, New Zealand, China, Japan and Costa Rica. Extended field trips are extremely valuable for the diversified education of horticulture students. To become more involved in these activities plan to participate in the Horticulture Club.

### PLANET Student Field days

Each year a U.K. team competes against 40-45 teams from other educational institutions. Trips also include other areas of interest.

PLANET team members compete in individual and team events like irrigation design, patio construction, woody plant identification, construction estimation, sales presentation, and residential design.

Students begin to prepare for these events during the fall semester so if you are interested in becoming a member of the PLANET team, you should contact Dr. Robert Geneve, 401b Plant Science Building.

### Professional Meeting Participation

Students are encouraged to become involved in national and regional meetings of the American Society for Horticultural Science (ASHS), Southern Nursery Association (SNA), and International Plant Propagators' Society (IPPS) as well as regional and local activities of horticulture industry associations. Each year the ASHS Association of College Branches holds special sessions at the annual meeting of ASHS; students from throughout the U.S. participate.

### Research Experience

A major advantage of being educated in horticulture at a land grant university such as U.K. is the opportunity to interact with a variety of faculty and staff on a one-to-one basis.

You can earn 1-3 credit hours for completing a special project. You can register for a special topics course at any time. Work on such projects increases your knowledge on the subject and you may even be able to publish the results and/or present them at a professional meeting. Some professional meetings offer competition for student presentations with cash awards from \$100 to \$1,000. These items also look good on your resume. Contact faculty about possible topics that interest you.

The potential benefits gained by these opportunities cannot be overemphasized. If you have questions, concerns and/or suggestions, contact your advisor or an appropriate faculty member.

Funds are available for select students to either be employed for special faculty activities or to conduct individual research projects. The Scott family has established an undergraduate research fellowship and student work grant trust fund. Further information on these two programs is listed under scholarships.

## **Academic Resources**

### Professors

All professors have office hours for helping and getting to know students. Students are encouraged to talk to their professors and ask for help when needed.

### Academic Advisor

Advisors are a good resource for a variety of academic issues and problems. An advisor can explain the University grading and quality point system, probation, and other important University and college expectations and actions in relation to academic standing. Also, an academic advisor works with students to set concrete measures for improvement. Advisors are most effective when students keep them well informed.

### Associate Dean for Instruction Office

N6 Agriculture Science North 257-3468

Provides assistance in registration, transferring credit, drop/add classes, and associated areas. Maintains academic records.

### College of Agriculture Career Center

N9 Agriculture Science North 257-3469

Provides assistance in arranging internships and permanent employment, includes employer contacts, resume writing, and guidance in preparing for employment.

### UK 101, First-Year Orientation Course

518 Patterson Office Tower 257-6597

A pass-fail, one-credit course to assist students in the transition to college life. Study skills as well as numerous other topics are covered in the class.

### University Ombud

109 Bradley Hall 257-3737

The University Ombud is a faculty member who listens to students with academic problems and tries to bring about reasonable solutions through mediation. Some typical problems that the Ombud deals with include: no syllabus or deviations from the syllabus, grading policy, exams and make-up exams, problems with excused absences, cheating, plagiarism, inappropriate and unprofessional instructor behavior, and sexual harassment. Anything students tell the Ombud is held in strict confidence.

### Writing Center

W.T. Young Library, Thomas Clark Study, 5<sup>th</sup> Floor 257-1368

Provides excellent guidance for writing projects. Experienced consultants give specific suggestions, examples, or exercises based upon each writer's need.

### Disability Resource Center

2 Alumni Gym 257-2754

This center coordinates accommodations with campus offices and public agencies, screens for parking permits, and provides attendant care and textbook reading programs.

### University Testing & Counseling Center

301 Frazee Hall 257-8701

Provides individuals personal and career counseling. Offers opportunities to understand yourself and grow in ability to be more effective in relation with others. The counseling service may

### The Master Student Class

Thomas Clark Study, M.T. Young Library 257-1371 A non-credit course designed to help students achieve academic success. Students learn and practice strategies to improve their time management, note taking, test taking, textbook reading, etc. Fee is \$35.00.

### Central Advising Service and Transfer Center

First Floor of Miller Hall 257-3383 Provides advising for students who haven't declared a major and offers special programs for adults returning to college. Students or prospective students who are in the process of identifying their academic/career goals or changing their major may contact CAS for an individual appointment. In addition, this office provides information to undeclared students seeking mid-term withdrawal or reinstatement after a first suspension.

### Learning Skills Counseling & Tutoring Center

Thomas Clark Study, W.T. Young Library 257-1356

Provides individuals assistance with study skills.

Free tutoring is offered in MA 109, MA 123, CHE 105 and CHE 107.

The LEAP program includes self assessment of academic strengths, weaknesses, and techniques to improve study skills.

### Adult Student Services

13A Funkhouser Bldg. 257-3802

Provides information, support, encouragement, and advising for adult students. Services include refresher courses, scholarship and financial aid information, day care information, and advising in various areas.

involve changing self-defeating behavior patterns, understanding uncomfortable feelings, or enhancing your own personal strengths and abilities. The center can help the student develop more independence and maturity, better handle life situations, manage stress and anxiety, create a healthy and satisfying lifestyle, develop a mature sexuality, develop and maintain satisfying relationships, and enhance self-esteem and self-confidence.

### Campus Recreation

145 Seaton Center 257-2898 257-3928

Place to inquire about intramural sports, club sports, open recreation and aquatics, and exercise rooms and equipment.

### Student Activities Office

203 Student Center 257-8867

Advises and assists student organizations and maintains a master calendar of student activities. Also provides a ticket office and student I.D. office.

### Financial Aid

128 Funkhouser Building 257-3172

Helps students to identify sources of financial aid. Source of applications for many federally supported aid programs.

### Student & Temporary Employment Service

252 East Maxwell 257-3843

STEPS provides information on part-and full-time employment in the university and Lexington area.