HORTICULTURE
What can I do with this major?

Access this resource online!
• Visit [www.temple.edu/careercenter](http://www.temple.edu/careercenter)
• Click on “Students”
• Click on “What Can You Do With Your Major?”

We also recommend these Exploration Resources:
• Choosing a Major/Career Decision Making Guide
• Focus-2 Career Assessment
  o Click on “Take a Career Assessment” on the Career Center homepage
  o Use the access code “wiseowl” to register for an account

Two ways to access our rich resources...

1. Career Coaching
   Meet with one of our Career Coaches.
   • 15-minute walk-in appointments
   • 30-minute scheduled appointments
   • Group Workshops

2. VCC, Virtual Career Center
   [www.temple.edu/careercenter](http://www.temple.edu/careercenter)
   • 24/7 access to all of this and more!

Walk-In Hours for Current Students: Monday – Friday 11:00 AM – 2:00 PM

Virtual Coaching for Resume Reviews: Monday – Friday 2:00 PM – 3:00 PM
# PLANT SCIENCES

## What can I do with this degree?

### AREAS

**LANDSCAPE DESIGN AND CONSTRUCTION**
- Residential Design
- Landscape Construction
- Landscape Maintenance
- Specialty Installation (Irrigation systems, ponds, rockscapes, lighting)
- Sales and Contracting

**TURFGRASS SCIENCE AND MANAGEMENT**
- Golf Course Management
- Sport Turf Management
- Sod Production
- Residential Lawn Installation and Management
- Irrigation Systems
- Research

### EMPLOYERS

**LANDSCAPE DESIGN AND CONSTRUCTION**
- Landscape design companies
- Garden centers
- Parks, amusement parks, and zoos
- Golf courses
- Sport fields
- Cemeteries
- Large hotels and resorts
- Industrial sites
- Colleges and universities
- Local/city governments
- State highway departments
- Self-employment

**TURFGRASS SCIENCE AND MANAGEMENT**
- Golf courses
- Lawn care companies
- Colleges and universities
- Sport and athletic fields
- Local/city governments
- Parks and amusement parks
- Sod production firms
- Pest management companies
- Landscape companies
- Irrigation firms

### STRATEGIES

**LANDSCAPE DESIGN AND CONSTRUCTION**
- Get practical experience in the field through internships or summer and part-time jobs.
- Be prepared to work seasonally or move to a climate where more year-round opportunities are available.
- Develop skills in speaking, writing, and photography.
- Obtain a business or agricultural economics minor if interested in management or self-employment.
- Earn a landscape architect degree and obtain professional certification as a landscape architect for better positions, advancement opportunities, more responsibility, and higher pay.
- Participate in the annual American Landscape Contractor's Association competition.

**TURFGRASS SCIENCE AND MANAGEMENT**
- Get practical experience with golf courses and other turf businesses through internships or summer and part-time jobs.
- Participate in relevant student organizations and professional associations, e.g. the Turf Club or Hort Club.
- Develop effective communication skills.
- Obtain a business or agricultural economics minor if interested in management or self-employment.
- Be prepared to work seasonally or move to a climate where more year-round opportunities are available.
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<th><strong>AREAS</strong></th>
<th><strong>EMPLOYERS</strong></th>
<th><strong>STRATEGIES</strong></th>
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<tr>
<td><strong>PUBLIC HORTICULTURE</strong></td>
<td>Public and botanic gardens</td>
<td>Develop excellent writing and speaking skills.</td>
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<td>Adult and Youth Education</td>
<td>Arboreta and conservatories</td>
<td>Join student organizations and seek leadership roles.</td>
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<td>Urban Horticulture</td>
<td>Radio and television stations</td>
<td>Learn to work well with all types of people.</td>
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<td>Plant Collections</td>
<td>Magazines, newspapers and internet sites</td>
<td>Gain practical experience in the field through internships and summer and part-time jobs.</td>
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<td>Urban Forestry</td>
<td>Zoos and aquariums</td>
<td>Earn Registered Horticultural Therapist licensure for plant therapy or become a Certified Horticulturist.</td>
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<tr>
<td>Horticulture Therapy</td>
<td>Cities and parks</td>
<td>Obtain teacher certification for public school positions.</td>
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<td>Communications</td>
<td>State highway departments</td>
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<tr>
<td>Management</td>
<td>Universities</td>
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<td>Cemeteries</td>
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<td>Theme parks</td>
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<td>Extension Service</td>
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<td>Hospitals and therapy centers</td>
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<td>Nursing homes and senior centers</td>
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<td><strong>PLANT SCIENCES, HORTICULTURE, AND BIOTECHNOLOGY</strong></td>
<td>Nurseries, greenhouses, florists, and other wholesale and retail companies</td>
<td>Gain practical experience in the field through internships and summer and part-time jobs.</td>
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<td>Greenhouse and Nursery Management</td>
<td>Extension Service</td>
<td>Assist a professor with a research project.</td>
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<td>Vegetable and Fruit Production</td>
<td>Biotechnology companies</td>
<td>Join horticultural or agronomy clubs or other student professional associations to network and cultivate related academic interests.</td>
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<td>Plant Biotechnology</td>
<td>Agribusinesses</td>
<td>Become a Certified Horticulturist.</td>
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<td>Plant Breeding and Genetics</td>
<td>Plant propagation and production businesses</td>
<td>A master’s or doctoral degree may be necessary for advancement. Some federal and private agency work, consulting positions, and especially research positions require a graduate degree.</td>
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<td>Agronomy</td>
<td>Harvesting and fertilization manufacturers</td>
<td>Maintain a strong grade point average to be competitive for graduate school admission.</td>
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<td>Consulting firms</td>
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<td>Government agencies: local, state, federal, and international</td>
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<td>High schools, colleges, and universities</td>
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GENERAL INFORMATION

- For entry level positions in most areas of landscape design, horticulture, turf, agronomy and biotechnology, a bachelor’s degree is sufficient. A graduate degree may be necessary for advancement in some fields such as research and consulting.
- Depending upon which specialty you choose, supplement curriculum with important supporting courses: business, journalism, planning, geology, entomology, soils, biology. Take communications courses and develop computer skills.
- Majoring in two subject areas or pursuing a minor can increase marketability. For example, study in landscape design and business, or public horticulture and journalism, can lead to greater opportunities.