Plant health management is an interdisciplinary major in the Departments of Plant Pathology and Entomology. The curriculum integrates several key disciplines, including fundamentals of biology and in-depth studies in plant, weed and soil science, horticulture, entomology (the study of insects), and plant pathology (the study of plant disease). Graduates with expertise in plant health management are in demand for jobs as crop consultants, landscape/nursery professionals, production managers, research scientists and Extension/outreach educators to address 21st century challenges in food production and environmental quality.\(^1\)

### Career Areas/Job Titles:

**Management and Industry**
- Crop Consultant
- Production Manager
- Farmer
- Horticulturist
- Landscape/Nursery Professional
- Garden Center Specialist

**Science and Technology**
- Research Scientist
- Geneticist/Breeder
- Environmental Scientist
- Plant Protection
- Officer/Inspector
- Pest Management Specialist
- Botanist

**Education**
- Professor
- Educator/Extension Professional

*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

### Transferable Skills:

**Biology Focus**
- Teamwork
- Developing Evaluation Strategies
- Forecasting/Predicting Research Skills
- Attention to Detail
- Judgment & Decision Making
- Administrative Skills

**Agricultural Focus**
- Prioritizing Tasks
- Strategic Planning/Visioning
- Creating Innovative Solutions
- Data Analysis
- Analytical/Critical Thinking
- Problem Solving

**Provide/Respond to Feedback**
- Use Technology Effectively
- Written Communication
- Cultural Understanding
- Service Orientation

**Speaking Effectively**
- Written Communication
- Cultural Understanding
- Service Orientation

**Use Technology Effectively**
- Use Technology Effectively
- Written Communication
- Cultural Understanding
- Service Orientation

**Written Communication**
- Use Technology Effectively
- Written Communication
- Cultural Understanding
- Service Orientation

**Cultural Understanding**
- Use Technology Effectively
- Written Communication
- Cultural Understanding
- Service Orientation

**Service Orientation**
- Use Technology Effectively
- Written Communication
- Cultural Understanding
- Service Orientation

*This is not an extensive list of transferable skills. See larger list of skills you might develop here: [http://www.ccss.osu.edu](http://www.ccss.osu.edu)*

### Professional Links:

- **American Phytopathological Society**: [http://www.apsnet.org](http://www.apsnet.org)
- **Entomological Society of America**: [http://www.entsoc.org](http://www.entsoc.org)
- **The Coalition for a Sustainable Agricultural Workforce**: [http://www.sustainableagworkforce.org](http://www.sustainableagworkforce.org)