

Plant Science

CAREER ROADMAP



PROGRAM OVERVIEW

Plant scientists sustain and improve our world as they work in careers connected to foods, fibers, fuels, pharmaceuticals, managed landscapes, and native ecosystems. Students study biology, genetics and biotechnology, ecology, physiology, pests and diseases, and sustainable agriculture. They develop an interdisciplinary perspective on plant science and its applications for managing plants in human and natural systems.

LEARN ABOUT YOURSELF & CAREER OPTIONS

General Skills & Knowledge

Work in this industry requires knowledge in environmental and biological sciences, keen observation of change and patterns, critical thinking and problem-solving skills, the ability to prioritize and organize projects, and enthusiasm to learn new techniques and ideas.

Explore career options with these resources:

- [What can I do with a Plant Science major?](#)
Plant Sciences, Plant Biology, and more!
- [Seed Your Future - Careers](#)
- [Plant Science Major Career Opportunities](#)
- [Architecture, Manufacturing, Natural Resources, and Agriculture Pathway Community](#)



Sample Job Titles:

- Restoration Ecologist
- Environmental Consultant
- Sustainable Crop Producer
- Organic Inspector and Certifier
- Plant Breeder
- Crop Geneticist
- Greenhouse and Farm Coordinator
- Public Gardens Designer
- Sports Turf Manager
- Agricultural Extension Agent



Above average growth expected for [Environmental Restoration Planners](#), [Precision Agriculture Technicians](#), and [Soil and Plant Scientists](#).

PLANTING THE SEEDS FOR *Success!*

BUILD EXPERIENCE

Sample UF Organizations:

Environmental Horticulture Club, Plant Science Council, UF Native Plant Nursery, Minorities in Agriculture, Natural Resources, and Related Sciences, Field & Fork Campus Food Program, Natural Resources Diversity Initiative, Ethnoecology Society, Entomology Club, Organic and Sustainable Agriculture Club

For more information, check out [GatorConnect](#)

Engage with Faculty Mentors

Meet with your faculty mentor at least once a semester for guidance and support.

Professional Associations

[American Society of Agronomy](#), [American Society for Horticultural Science](#), [AmericanHort](#), [American Society of Plant Biologists](#), [Crop Science Society of America](#), [Ecological Society of America](#), [Florida Nursery, Growers, and Landscape Association](#), [International Society for Plant Pathology](#), [National Association for Plant Breeders](#), [Society for Ecological Restoration](#)

Undergraduate Research

- Read up on what faculty are working on and talk with them about potential opportunities to get involved in research

PREPARE FOR YOUR NEXT STEPS

Search for Jobs & Internships

[UF Gator CareerLink](#), [AgCareers](#), [AgHires](#), [American Phytopathological Society](#), [American Public Gardens Associations](#), [Environmental Education](#), [FL Dept. of Ag and Consumer Services](#), [Science Society](#), [Green Jobs](#), [Landscape Industry Jobs](#), [Seed Your Future Internship List](#), [Plantae](#), [Society for Conservation Biology](#), [USA Jobs](#)

Sample Employers Recruiting at UF

FL Dept. of Environmental Protection
Montana Conservation Corps

Yellowstone Landscape
US Dept. of Agriculture

Costa Farms
Land O'Lakes Inc.

Career Planning

Check out the Career Connections Center [Career Hub](#) for resources related to [resumes](#), [cover letters](#), job and internship [search strategies](#), preparing for [interviews](#), or applying to [graduate school](#).

To schedule an appointment with a career coach, visit [Gator CareerLink](#)