

Explore Minors!

Add a minor to build your career toolbox and enrich your educational experience!

Consider a **Plant Science Minor** to complement a wide range of majors! The minor frames a broad overview of the science of plant production and management, and provides the opportunity to explore crop production, plant breeding, ecosystem restoration, greenhouse growing, biotechnology, and so much more! You can't go wrong when you grow your plant skills!

If you're a Plant Science Major, explore the options below to find a minor that helps you define your interests, grow your skills, and *sparks you*!

Entomology and Nematology (ENY)

Provides valuable skills in ecology, arthropod systematics, insect and disease management, and invertebrate impacts on food, environment, and health. It can enhance career opportunities and distinguish graduates in graduate school applications and diverse industries.

Environmental Horticulture (ENH)

Caters to students pursuing careers in plant science, landscape management, controlled environment agriculture, and nursery horticulture, allowing you to specialize or explore various aspects of environmental horticulture. Additionally, degree-seeking students at off-campus locations can also pursue this minor.

Golf and Sports Turf Management (AGR)

Provides a foundational understanding of turfgrass culture and essential knowledge relevant to the industry, preparing you for careers in managing turfgrass in various settings such as golf courses, sports fields, and recreational areas.

Horticultural Science (HOS)

Offers a diverse curriculum covering topics such as fruit and vegetable crop production, greenhouse and protected agriculture systems, and herbs and medicinal plants.

Organic and Sustainable Crop Production (HOS)

Enhances understanding of sustainable farming practices through hands-on training in the field; equips you with valuable knowledge and skills relevant to addressing current environmental and agricultural challenges for feeding a growing global population.

Plant Molecular and Cellular Biology (HOS)

Offers an understanding of the mechanisms governing plant biology at the molecular and cellular levels, including gene expression and cellular processes; enhances your competitiveness in pursuing graduate school and positions in the plant biotechnology marketplace.

Soil, Water, and Ecosystem Sciences (SWS)

Provides a holistic understanding of the interplay between plants and their environment within natural and managed systems, enhancing students' ability to address agricultural and environmental challenges and increasing their career versatility.



Learn about many more CALS Minors here: <https://cals.ufl.edu/current-students/minors>

Explore Certificates!

Add a certificate to build your carer toolbox and enrich your educational experience!

You can choose certificate programs inside or outside of your field of study to round out your education or simply for your own personal fulfillment and interests. Whether it's for professional advancement or personal interest, certificate programs provide lots of benefits!

Learn more here: cals.ufl.edu/current-students/certificates

Agroecology and Sustainable Food Systems

Explores the natural and social systems that guide sustainable agriculture. It provides interdisciplinary training and hands-on field research to teach the principles and practices of agroecological production within the context of environmental, social, and economic challenges. It prepares students for graduate programs or professions utilizing systems-thinking skills.

Beekeeping

Prepares students with a foundational knowledge of honeybee biology and the craft of beekeeping. Additionally, this certificate provides theoretical and practical learning opportunities, based on current research that encompasses the many elements of beekeeping worldwide.

Biosecurity and Biological Invasions

Provides the skill set necessary for the detection, surveillance, and management of agricultural and medical threats. Acquire critical thinking skills for the assessment, management, and communication of the biosecurity risks and challenges facing the 21st century.

Environmental Horticulture Management

Offered via distance learning, enables the working professional or adult learner who is place-bound and cannot attend classes in Gainesville to gain a background in the sustainable ornamental horticulture practices used in the greenhouse, nursery, or landscape industries. The program emphasizes the conservation of resources through proper plant management.

Horticultural Therapy

Offered via distance learning, provides students a background in people/plant relationships and trains you to develop activities, treatment plans, and programs using plants to achieve therapeutic outcomes. It aligns with the certification requirements of the American Horticultural Therapy Association for professional recognition as Horticultural Therapist-Registered (HTR).

Landscape Pest Management

Offered via distance learning, it trains employees of the landscape management and pest control industries who desire advanced training in managing landscape (turf, shrub, and tree) pests, nematodes and plant diseases.

