



Undergraduate studies in
Plant Biology



ADVISING

Plant Biology students have both a Professional Academic Advisor and a Faculty Advisor.

Faculty Advisors meet with students to discuss course plans and specializations, research opportunities, internships, career opportunities, and the possibilities for graduate and professional school studies. The Faculty Advisors can also provide advice on admission to the program.

Faculty Advisors

Professor Louis Santiago
Phone: (951) 827-4951
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Professor Thomas Eulgem
Phone: (951) 827-7740
E-mail: thomas.eulgem@ucr.edu

Current course requirements are available online in the UCR General Catalog at catalog.ucr.edu.

The *Professional Academic Advisor* will assist with information regarding UCR and CNAS policies, procedures, regulations, and campus resources, and will confirm that all degree requirements have been met.

Professional Academic Advisor
Denise Correll
CNAS Academic Advising Center
1223 Pierce Hall
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Growing great science
Making new discoveries
Building great minds



Plant Biology at the University of California, Riverside

ABOUT PLANT BIOLOGY

Plant Biology is the field of science dealing with the study of the form, function, development, genetics, diversity, reproduction, evolution, and uses of plants and their interactions with the biosphere.

The B.S. and B.A. degrees in Plant Biology completely fulfill the undergraduate science requirements for medical and professional schools and provide students with a solid background in the modern principles and practices of plant biology, along with an area of specialization. Students choose from these areas:

- Plant cellular, molecular, and developmental biology
- Plant genetics, breeding, and biotechnology
- Ecology, evolution, and systematics
- Plant pathology, nematology, and pest management

THE FACULTY

The Program in Plant Biology includes faculty from the Departments of Biochemistry; Biology; Botany and Plant Sciences; Microbiology and

Plant Pathology; Nematology; Entomology; and Environmental Sciences. This translates into the best education in plant biology in Southern California and one of the leading programs in the U.S.

RESEARCH EXPERIENCES

UC Riverside is the major center for plant biology research in Southern California. UCR's faculty are noted for their integration of basic and applied research, with particular strengths in plant cell biology, bioinformatics, epigenetics, chemical biology, plant responses to environmental stresses, plant ecology, genetics, genomics, evolution, and programs focusing on subtropical crop plants such as citrus and avocado. All students have the opportunity to gain research experience by working with faculty mentors on a research project, and to write a paper on their own results.

FACILITIES

Students have free access to the University's Botanic Gardens, whose 40 acres includes a variety of natural ecosystems and urban landscapes. Other facilities and research centers include:

- Center for Plant Cell Biology
- Institute for Integrative Genome Biology
- Center for Conservation Biology
- Biotechnology laboratories
- Extensive plant teaching collection
- Greenhouses, lath houses, growth chambers
- Citrus Variety Collection
- Community organic garden
- University of California Natural Reserve System
- The Botany and Entomology Undergraduate Student Association (BEUSA)

CAREER OPPORTUNITIES

Plant biologists work in biotechnology, medical, pharmaceutical, agricultural or energy industries; environmental protection, land management or agri-business; the USDA, National Park Service, and other state and national agencies; and public and private schools, colleges, and universities. A degree in plant biology is an excellent background for students wishing to enter graduate school and other professional schools such as education, pharmacy, medicine, law, or journalism.