

College of Agricultural and Environmental Sciences University of California, Davis

A global leader.
 Solving challenges to produce a better world, healthier lives,
 and an improved standard of living for everyone.

Distinctions

Program	National ranking
Agricultural sciences	1
Agriculture / Agronomy	1
Agriculture and forestry (international ranking)	1
Entomology	1
Environment / Ecology	1
Food science and nutrition	1
Plant and animal science	1
Soil science	1
Agricultural economics	2
Agricultural engineering	2
Plant pathology	2

- In 2013, UC Davis was ranked the No. 1 university in the world for teaching and research in the area of agriculture and forestry
- The College of Agricultural and Environmental Sciences has more than 5,000 acres, with 3,700 devoted to agricultural teaching and research
- 360 faculty members
- 5,300 undergraduate students in 27 majors (21 percent of UC Davis students)
- 1,000 graduate students in 45 graduate groups/programs (25 percent of UC Davis students)

Addressing critical issues

- Food security
- Eliminating hunger
- Agricultural sustainability
- Healthful diets and nutrition
- Environmental stewardship
- Climate change
- Clean energy, air, and water
- Population growth
- Healthy families and communities
- Rural revitalization
- Preventing global disease
- Biodiversity
- Economic development



Research, funding, education

- UC Davis is the most published and cited U.S. research university in agricultural sciences, plant and animal sciences, environment/ecology, food science and nutrition, and soil sciences.
- UC Davis researchers lead the nation in extramural funding in agricultural sciences.
- UC Davis is the No. 1 institution for awarding degrees to undergraduate minority students in agricultural sciences.
- UC Davis is located amid California's important agricultural and food-processing areas, and is close to the San Francisco Bay Area, Lake Tahoe, the Sierra Nevada, Napa Valley, the Pacific Ocean, and the Sacramento state capital.



Academic departments

Agricultural sciences

Animal Science
Biological and Agricultural
Engineering
Entomology
Plant Pathology
Plant Sciences
Viticulture and Enology

Environmental sciences

Environmental Science and
Policy
Environmental Toxicology
Land, Air and Water
Resources
Wildlife, Fish and
Conservation Biology

Human sciences

Agricultural and Resource
Economics
Food Science and
Technology
Human Ecology
Nutrition
Textiles and Clothing



Undergraduate majors

Agricultural Sciences

Agricultural and environmental education
Animal biology
Animal science
Animal science management
Biotechnology
Entomology
Plant sciences
Sustainable agriculture and food systems
Viticulture and enology

Environmental Sciences

Agricultural and environmental education
Atmospheric science
Ecological management and restoration
Environmental horticulture and urban forestry
Environmental policy analysis and planning
Environmental science and management
Environmental toxicology
Hydrology
Landscape architecture
Sustainable agriculture and food systems
Wildlife, fish and conservation biology

Human Sciences

Agricultural and environmental education
Clinical nutrition
Community and regional development
Fiber and polymer science
Food science
Human development
International agricultural development
Managerial economics
Nutrition science
Sustainable agriculture and food systems
Textiles and clothing

Special Programs: 1) Undeclared / Exploratory Program; 2) Science and Society Program

Graduate education

Few universities have UC Davis' ongoing high rankings, which are due, in part, to strong graduate education programs. UC Davis' graduate groups cross academic departments and disciplines, drawing the best students from throughout the world.

Graduate study programs in the College of Agricultural and Environmental Sciences:

Agricultural and environmental chemistry
Agricultural and resource economics
Agricultural education (credential)
Animal behavior
Animal biology
Atmospheric science
Avian sciences
Biochemistry and molecular biology
Biological systems engineering

Child development
Community development
Cultural studies
Ecology
Entomology
Food science
Forensic science
Genetics
Geography
Horticulture and agronomy
Human development
Integrated pest management
International agricultural development

Maternal and child nutrition
Microbiology
Molecular, cellular, and integrative physiology
Nutritional biology
Pharmacology and toxicology
Plant biology
Plant pathology
Population biology
Soils and biogeochemistry
Textiles
Viticulture and enology

UC Davis excellence

- World-class research facilities
- Industry partnerships
- Technology transfer
- Leaders in biotechnology and genomics
- International programs and partnerships
- Education of top students from California, the U.S., and the world



Contacts

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News sources

1. News and events:
www.caes.ucdavis.edu
2. “CA&ES Outlook” magazine:
www.outlook.ucdavis.edu
3. E-newsletter:
www.caes.ucdavis.edu/NewsEvents/e-news
4. “Impact” statements (critical issues):
www.impact.ucdavis.edu
5. Facebook: “College of Agricultural and Environmental Sciences, UC Davis”
6. Twitter (3 sites):
 - @ucdavisCAES – General news
 - @ucdavisAgFood – Agriculture, food, health, and related sciences
 - @ucdavisEnviro – Environmental science news



The leading college of its kind in the world, the College of Agricultural and Environmental Sciences addresses critical issues related to agriculture, food systems, the environment, and human and social sciences through cutting-edge research, top-ranked undergraduate and graduate education, and internationally recognized outreach programs.