Agricultural and Life Sciences, College of

Established in 1870, the mission of the College of Agricultural and Life Sciences is to deliver unsurpassed educational programs that prepare students to address the world's critical challenges related to agriculture, food systems, human well-being, natural resources and sustainable communities.

Contact
2020 McCarty Hall D
P.O. Box 110270
University of Florida
Gainesville, FL 32611-0270
352.392.1963
Map More Info

Academic Advising
2020 McCarty Hall D
352.392.1963

Established
1870

Academic Advising
Each major has an undergraduate coordinator and faculty and staff advisors. Students see advisors in their majors for academic advising. More Info

Internships and Career Guidance
The college's director of Alumni and Career Services assists students with interview preparation and job search resources. The college also sponsors CALS Career Expo in February.

Scholarships
The college provides nearly $400,000 annually in undergraduate scholarships. Applications are available in December. College scholarship applications are typically due on or before March 15 of each year. For more information, contact the college dean's office. Many departments also offer undergraduate scholarships. More Info

Helpful Links
• College Website
• Combined Degrees
• Computer Requirement
• Dean's List

Academic Policies

Admission: Freshmen
First-semester freshmen at the university will be admitted to the college when they declare a major. Students can remain in that major as long as they continue to meet or to exceed the critical-tracking criteria for the major. Students who fall below the minimum critical-tracking criteria or who fall below the minimum progression standards will not be allowed to continue in the major. These students must meet with an academic advisor to determine an alternative major.

Admission: Non-Freshmen
All UF students other than first-semester freshmen must apply to a major in this college. Students should first meet with an advisor in their major of interest. Unless otherwise specified by particular majors, students will be admitted to the major if they meet or exceed the critical-tracking criteria.

Readmission to the College
CALS students who have been dismissed from the university for poor academic performance can petition UF and the college for readmission after one semester.

Transfer Students
A transfer student from a Florida public college must have an Associate of Arts degree (or 60 credits for students transferring from private institutions, four-year institutions or institutions outside of Florida) and satisfy the admission requirements for the intended major to be eligible for admission to the college. Prospective transfer students should consult the College of Agricultural and Life Sciences Transfer Guide to ensure completion of the required courses for admission to the college and the major of interest. More Info

Detailed information on transfer admission and university admission requirements is available from the Office of Admissions. More Info

Transfer students from other universities and non-Florida public colleges should complete the first two years' requirements for the major before transferring to UF and to this college.

Student Responsibility
Students are expected to assume full academic responsibility for registering for and completing the proper courses and for fulfilling all requirements for the degree. Students should consult their advisors before registering for each semester to ensure that appropriate courses are taken in the proper sequence. Students who do not enroll in appropriate courses may not be allowed to register for the following term.

College Probation
A student whose overall grade point average falls below 2.0 is placed on college probation. The associate dean will notify the student that he or she is on probation and must remove all deficit points in two semesters or face college suspension.

During college suspension a student cannot register as a College of Agricultural and Life Sciences student.

College Retention Program
The college works individually with students on college probation to provide them an opportunity for academic success at the university. The retention program identifies obstacles that could prevent academic success, provides structure and mechanisms for success and connects students to administrators, faculty and staff who are committed to helping them.
Critical-Tracking Criteria

Students who do not complete the appropriate number of tracking courses each semester, and/or do not have the required tracking GPA, will have a hold placed on their record to prevent advance registration. They must meet with an advisor in their major to determine whether they may continue in that major.

Drop Policy

Students can drop courses during the drop/add period without penalty. Thereafter, courses can be dropped only by college petition in accordance with the deadlines. Drops requiring college petition are subject to the following rules:

- After the university’s drop deadline, students must first meet with an academic advisor in their major and then submit a petition to the college office.
- Students who withdraw from UF (drop all courses) must go to the Dean of Students Office, 202 Peabody Hall, to meet with an advisor.

General Education

Courses that satisfy general education requirements are listed by category. The courses listed represent the most expedient way to fulfill graduation requirements. However, students can satisfy degree requirements with alternative course sequences. An economics course is required for all students and this course may also meet general education requirements.

The college requires all students to complete courses in oral and written communication in addition to the general education requirements. In majors where an equivalency is permitted, students should see their advisors for approved alternative courses. When majors list specific courses, students must select courses from the list.

Internships

By prior arrangement with an advisor and with supervision, a student may receive credit for practical work experience relevant to the major. Credit is earned at the rate of one credit per month of full-time work and cannot exceed three credits in any combination of work experience. A written report must be submitted before a (S or U) grade will be issued. Academic units offering this option list the course number 4941. Minimum criteria and general guidelines are available from the undergraduate coordinator for the major.

College Honors Program

The CALS honors program is for students who have completed 60-90 credits and have a 3.75 or higher overall GPA.

CALS honors coursework integrates with required and elective courses in the student’s chosen curriculum. To graduate as a CALS honors scholar, students must complete each requirement below and maintain a minimum upper-division GPA of 3.75.

- ALS 3923
- XXX 4915 Honors Thesis Research (3 credits)
- Two additional honors courses
- Honors thesis. Thesis projects are scholarly activities in teaching, research or extension that involve guided independent work. The student’s project must have clear objectives and expected outcomes.

CALS honors coursework is identified as such on the transcript. Students who complete the program successfully are designated CALS honors scholars and receive a scholar’s medallion and certificate.

Completion of the CALS honors program automatically qualifies students for graduation with magna cum laude or summa cum laude designation.

Students who are not in the CALS honors program can still graduate magna cum laude or summa cum laude, provided they have the necessary GPA and complete the honors thesis.

For additional information, contact the CALS honors program director at 352.392.1963.

Helpful Links

- Degree Requirements

Degree Requirements

A Bachelor of Science or Bachelor of Arts degree requires a minimum of 120 credits. In addition, students must have university and junior/senior-level minimum GPAs of 2.0.

Students must complete the general education and major requirements in effect at the time of their initial enrollment at UF.

Seniors must file an online application for degree with the Office of the University Registrar early in the semester in which they expect to graduate.

Graduating with Honors

Residence

The College of Agricultural and Life Sciences requires completion of 60 semester credits or more of coursework at the university for award of a baccalaureate degree. Some coursework can be taken at other accredited four-year institutions with approval of the college.

The last 30 semester credits applied toward a degree must be completed in residence in the college. In special cases, the college can waive this requirement.

Students can complete six of the required 30 credits of residence work by flexible learning, but each course must be approved in advance by the undergraduate coordinator for the major and by the college. The college will not accept flexible credit unless a student has a minimum upper-division GPA of 2.0 in all work attempted in residence.

Programs

MAJORS

The college’s majors encompass agricultural sciences, natural sciences, social sciences, life sciences and preprofessional studies. Programs in the college prepare students for professional studies in dentistry, law, medicine, pharmacy and veterinary medicine as well as graduate study.

- Agricultural Education and Communication
- Agricultural Operations Management
- Animal Sciences
- Biology | CALS
- Botany | CALS
- Dietetics
- Entomology and Nematology
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- Environmental Management in Agriculture and Natural Resources | Interdisciplinary Studies
- Family, Youth and Community Sciences
- Food and Resource Economics
- Food Science
- Forest Resources and Conservation
- Geomatics
- Horticultural Science
- Marine Sciences | CALS
- Microbiology and Cell Sciences | CALS
- Natural Resource Conservation
- Nutritional Sciences
- Plant Science
- Soil and Water Sciences
- Wildlife Ecology and Conservation

**MINORS**

- Agricultural and Natural Resource Ethics and Policy Minor
- Agricultural and Natural Resource Law Minor
- Agricultural Communication Minor
- Bioinformatics Minor
- Entomology and Nematology Minor
- Environmental Horticulture Minor
- Extension Education Minor
- Family, Youth and Community Sciences Minor
- Fisheries and Aquatic Sciences Minor
- Food and Resource Economics Minor
- Food Science Minor
- Forest Resources and Conservation Minor
- Golf and Sports Turf Management Minor
- Horticultural Science Minor
- International Development and Humanitarian Assistance Minor
- International Studies in Agricultural and Life Sciences Minor
- Leadership Minor
- Management and Sales in Agribusiness Minor
- Nonprofit Organizational Leadership Minor
- Nutritional Sciences Minor
- Organic and Sustainable Crop Production Minor
- Packaging Science Minor
- Plant Molecular and Cellular Biology Minor
- Plant Science Minor
- Precision Agriculture Minor
- Soil and Water Sciences Minor
- Wildlife Ecology and Conservation Minor

**CERTIFICATES**

- CALS Honor Scholar Certificate
- Challenge 2050 | Global Leadership and Change Certificate
- Environmental Horticulture Management Certificate
- Family Life Education Certificate
- Geomatics Certificate
- Landscape Pest Management Certificate
- Mapping with Small Unmanned Aerial Systems Certificate
- Medical Entomology Certificate
- Personal and Family Financial Planning Certificate
- Pest Control Technology Certificate
- Urban Pest Management Certificate

**UF ONLINE MAJORS**

- Environmental Management in Agriculture and Natural Resources | Interdisciplinary Studies UF Online
- Microbiology and Cell Science UF Online

**Statewide Academic Programs**

Recognizing the needs of nontraditional students, the university offers several Bachelor of Science degree programs at the following locations or via distance education:

- Apopka: Plant science
- Fort Lauderdale: Geomatics, plant science
- Milton: Natural resource conservation, plant science
- Plant City: Agricultural education and communication, geomatics, plant science
- Online: Environmental management in agriculture and natural resources, microbiology and cell science

Students must first earn an A.A. degree from a Florida public college or 60 credits from another accredited institution, complete specific prerequisite courses, meet a specific GPA requirement and apply for admission to UF. After being accepted, students can pursue a Bachelor of Science without moving to Gainesville.

These students are also eligible for UF and CALS scholarships. UF faculty members teach and advise all students, and upon completion of the program requirements, UF confers the degree.

Courses in these programs are also available to the general public for continuing education.

**Preprofessional Programs**

Several CALS majors have specializations that help students complete the preprofessional requirements for admission to the colleges of dentistry, law, medicine, pharmacy and veterinary medicine.

- Students preparing for law careers can select any major in the college.
- Specializations in animal sciences, biology, botany, entomology and nematology, food science, microbiology and cell science, nutritional sciences, and wildlife ecology and conservation prepare students for programs in medicine, dentistry, veterinary medicine, optometry and pharmacy.
- Biology majors and nutritional sciences majors are eligible for the Junior Honors Medical Program.
- Qualified students can apply to the honors combined BS/DMD program in the College of Dentistry after one semester in their freshman year at UF. This program helps highly motivated students complete the bachelor's degree and D.M.D. in a shorter time than the two traditional programs. Participants major in microbiology and cell science or nutritional sciences. Both majors provide the science foundation required for dental school.