

# AGRICULTURAL AND LIFE SCIENCES, COLLEGE OF

Established in 1884, 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 (<http://campusmap.ufl.edu/?loc=0498>) More Info (<http://cals.ufl.edu/>)

### Academic Advising

2020 McCarty Hall D  
352.392.1963

## Established

1884

## Academic Advising

Each major has an undergraduate coordinator and faculty and staff advisors. Students see advisors in their majors for academic advising. More Info (<http://cals.ufl.edu/students/undergraduate-majors-contacts.php>)

## 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 (<http://cals.ufl.edu/students/scholarships.php>)

## Helpful Links

- College Website (<http://cals.ufl.edu/>)
- Combination Degrees (<http://catalog.ufl.edu/UGRD/academic-advising/combined-degrees/>)
- Computer Requirement (<http://www.it.ufl.edu/policies/student-computing-requirements/>)
- Dean's List (<http://catalog.ufl.edu/UGRD/academic-advising/academic-honors/#deanslisttext>)

### 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 ([https://cals.ufl.edu/content/PDF/Transfer\\_Guide.pdf](https://cals.ufl.edu/content/PDF/Transfer_Guide.pdf))

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

More Info (<http://catalog.ufl.edu/UGRD/admission/>)

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 they are 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.

## Minors

Pursuit of a minor is an excellent way for students to expand their knowledge of a particular subject and get the most out of their educational experience at UF. **The minor provides a traditional and well-accepted way to recognize that a student has completed a significant body of work outside the major.** Students can follow-up on long-time personal interests, satisfy intellectual curiosity generated by introductory courses, differentiate their program of study from those of fellow students or enhance their opportunities for employment or for admission to graduate or professional schools.

There is no limit to the number of minors a student can pursue, however, the addition of minors should not add more time to the student's academic career at UF.

### Eligibility Requirements

- An established UF GPA of 2.0 or higher
- On-track to complete your degree in a timely manner
- 45 credits earned
- Be able to complete the minor(s) in a timely fashion; it is forbidden to extend graduation for the sole purpose of completing a minor
- Complete a **minimum of 6 credits exclusive to the minor** (these exclusive credits will not count toward major(s) credit which includes critical tracking, college, major core, and advisor, departmental, and elective approved requirements for the student's major or other minors)

## 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. More Info (<http://cals.ufl.edu/students/honors-program.php>)

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.

### 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. More Info (<https://registrar.ufl.edu/services/degree-application/>)

Graduating with Honors (<http://catalog.ufl.edu/UGRD/academic-advising/academic-honors/#graduatingwithhonorstext>)

## 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
- Combination Degrees
- Dietetics
- Entomology and Nematology
- 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 Science | CALS
- Natural Resource Conservation
- Nutritional Sciences
- Plant Science
- Soil, Water, and Ecosystem Sciences
- Wildlife Ecology and Conservation

### MINORS

- Agricultural and Natural Resource Communication Minor
- Agricultural and Natural Resource Ethics and Policy Minor
- Agricultural and Natural Resource Law Minor
- Agricultural Curriculum and Development Minor
- Bioinformatics Minor
- Bioinformatics Minor UF Online
- Entomology and Nematology Minor
- Entomology and Nematology Minor UF Online
- 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
- Leadership Minor UF Online
- Management and Sales in Agribusiness Minor
- Management and Sales in Agribusiness Minor UF Online

- Nonprofit Organizational Leadership Minor
- Nutritional Sciences Minor
- Organic and Sustainable Crop Production Minor
- Packaging Science Minor
- Pathogenesis Minor
- Pathogenesis Minor UF Online
- Plant Molecular and Cellular Biology Minor
- Plant Science Minor
- Precision Agriculture Minor
- Soil, Water, and Ecosystem Sciences Minor
- Wildlife Ecology and Conservation Minor

## CERTIFICATES

- Agroecology and Sustainable Food Systems Certificate
- Animal Genetics Certificate
- Beekeeping Certificate
- Biosecurity and Biological Invasions Certificate
- CALS Honors Scholar Certificate
- Challenge 2050 | Global Leadership and Change Certificate
- Environmental Horticulture Management Certificate
- Environmental Policy, Law, and Regulation Certificate
- Fire Ecology and Management Certificate
- Geomatics Certificate
- Horticultural Therapy Certificate
- Landscape Pest Management Certificate
- Mapping with Small Unmanned Aerial Systems Certificate
- Medical Entomology Certificate
- Pest Control Technology Certificate
- Recreation Resources Management Certificate
- Urban Forestry Certificate
- Urban Pest Management Certificate

## UF ONLINE MAJORS

- Interdisciplinary Studies | Environmental Management in Agriculture and Natural Resources 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 (<http://mrec.ifas.ufl.edu/>)
  - Plant Science
- Fort Lauderdale (<http://flrec.ifas.ufl.edu/>)
  - Geomatics
  - Plant Science
- Milton (<http://wfrec.ifas.ufl.edu/>)
  - Natural Resource conservation
  - Plant Science
- Plant City (<https://gcrec.ifas.ufl.edu/uf-plant-city/degree-programs/>)
  - Agricultural Education and Communication
  - Geomatics
- Online

- Environmental Management in Agriculture and Natural Resources ([http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/IS\\_BS01\\_UFO/](http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/IS_BS01_UFO/))
- Microbiology and Cell Science ([http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/MCB\\_BS\\_UFO/](http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/MCB_BS_UFO/))

Students must first earn an AA 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 combination 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 DMD 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. More Info (<http://dental.ufl.edu/admissions/dmd-program/honors-combined-bs-dmd-program/>)
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