

# COLLEGE OF AGRICULTURAL SCIENCES



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Dr. Carolyn Lawrence-Dill, Dean  
Dr. Amy Charkowski, Associate Dean of Research  
Dr. Eugene Kelly, Agriculture Experiment Station Director and Associate Dean for Extension  
Dr. Quatez Scott, Assistant Dean for Inclusion, Diversity, and Equity in Agriculture (IDEA) (<https://agsci.colostate.edu/about/diversity-equity-and-inclusion/>)

## Undergraduate Majors

- Agricultural Biology (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-biology/>)
- Agricultural Business (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-resource-economics/business-major/>)
- Agricultural Education (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-resource-economics/education-major/>)
- Animal Science (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/animal-sciences/animal-science-major/>)
- Environmental and Natural Resource Economics (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-resource-economics/environmental-natural-major/>)
- Environmental Horticulture (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/horticulture-landscape-architecture/environmental-horticulture-major/>)
- Equine Science (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/animal-sciences/equine-science-major/>)
- Horticulture (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/horticulture-landscape-architecture/horticulture-major/>)

- Landscape Architecture (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/horticulture-landscape-architecture/landscape-architecture-major/>)
- Livestock Business Management (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-resource-economics/livestock-business-management-major/>)
- Soil and Crop Sciences (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/soil-crop-sciences/soil-crop-sciences-major/>)

## Undergraduate Minors

- Agricultural Business (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-resource-economics/agricultural-business-minor/>)
- Agricultural Data Analytics for Decision Making (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-resource-economics/agricultural-data-analytics-for-decision-making-minor/>)
- Agricultural Data Science (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-biology/agricultural-data-science-minor/>)
- Agricultural Literacy (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-resource-economics/literacy-minor/>)
- Agroecosystems (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/soil-crop-sciences/agroecosystems-minor/>)
- Entomology (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-biology/entomology-minor/>)
- Environmental and Natural Resource Economics (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-resource-economics/environmental-natural-resource-economics-minor/>)
- Environmental Horticulture (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/horticulture-landscape-architecture/environmental-horticulture-minor/>)
- Horticulture (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/horticulture-landscape-architecture/horticulture-minor/>)
- Organic Agriculture (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/horticulture-landscape-architecture/organic-agriculture-minor/>)
- Plant Health (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/agricultural-biology/plant-health-minor/>)
- Soil Ecosystems Science and Conservation (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/soil-crop-sciences/soil-ecosystems-science-conservation-minor/>)
- Soil Resources and Conservation (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/soil-crop-sciences/soil-resources-conservation-minor/>)
- Soil Science (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/soil-crop-sciences/soil-science-minor/>)

**For a complete list of departmental program offerings (including certificates), see individual department catalog pages.**

## College-Wide Graduate Programs

### Master's Programs

- Master of Agriculture in Agricultural Sciences, Plan A (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/master-agriculture-plan-a/>)
- Master of Agriculture in Agricultural Sciences, Plan B (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/master-agriculture-plan-b/>)
- Master of Agriculture in Agricultural Sciences, Integrated Resource Management Specialization (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/master-agriculture-integrated-resource-management-specialization/>)
- Master of Agriculture in Agricultural Sciences, Plan A, Teacher Development Specialization (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/master-agriculture-teacher-development-specialization-plan-a/>)
- Master of Agriculture in Agricultural Sciences, Plan B, Teacher Development Specialization (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/master-agriculture-teacher-development-specialization-plan-b/>)
- Master of Extension Education, Plan C (M.Ext.Ed.) (<http://catalog.colostate.edu/general-catalog/colleges/agricultural-sciences/master-extension-education-plan-c/>) *previously titled Master of Agricultural Extension Education (M.A.E.E.)*

Agriculture was the first science . . . the progenitor of sciences . . . and it remains the science that supports human life. It is a science concerned with improving quality of life and maintaining a productive, safe, and sustainable environment. Agricultural programs integrate biological, physical, and social sciences with agricultural sciences. Students may look forward to careers in basic and applied research; production and utilization of food and related products; resource use and conservation; industry and business; education and public service; technical and professional services; professional, scientific, and technical communication; and governmental policy and regulations of our agricultural systems.

## College Programs

Together, through transformative educational experiences, innovative research and meaningful partnerships, the College of Agricultural Sciences meets global challenges in food safety, food security, wellness and economic prosperity through the sustainable use of natural resources.

### Undergraduate Majors

Undergraduate programs lead to a Bachelor of Science degree which requires a minimum of 120 credits, with a minimum of 42 credits in upper-division courses. Most departments have a 12-credit limit for independent study and/or internship courses in fulfillment of the 120 credits (specific limits may be obtained from the individual department). Information on interdepartmental and departmental majors, the various concentrations available, and career opportunities are described on individual program pages. Students may consider simultaneously completing the requirements for a second major. Find information about Second Major Requirements (<http://catalog.colostate.edu/general-catalog/academic-standards/degree-requirements/#undergraduate>) in the section on Undergraduate Degrees.

### Internships

Students are encouraged to select an internship with an approved cooperator. The student's department determines the number of allowable credits. Internships are available each term, including the summer term. Internships normally require 45 hours of contact per academic credit and do allow a stipend to be provided, though many are unpaid. Application should be made to the department at least 30 days before the term of the internship.

### Education Abroad

Education Abroad programs are available to students in the College of Agricultural Sciences to become global citizens; the knowledge of other cultures is valuable in understanding our own. Students are encouraged to study outside the United States as part of their overall program at CSU. There are active programs in Australia, New Zealand, France, Costa Rica, Spain, and Mexico, in addition to other countries. Students interested in Education Abroad should plan in advance by visiting the College of Agricultural Sciences (<http://agsci.colostate.edu/>) and discussing opportunities with their academic advisor, the Associate Dean of Academic Programs, and/or by visiting the Office of International Programs (<http://international.colostate.edu>) in Laurel Hall.

### Transfer of Credits from Other Institutions

Students who expect to transfer to the College of Agricultural Sciences are advised to plan carefully and in advance of their planned transfer to ensure transfer credits meet required courses in their chosen major. Transfer evaluations are generally determined by the Office of the Registrar, although departments determine transfer of courses required by the department. Students planning to transfer to CSU are encouraged to utilize Transferology (<https://www.transferology.com/login.htm>)™ to determine if courses they are taking at another institution will transfer to CSU. If a course is not listed, they should contact the (<https://registrar.colostate.edu/contact-us/>) Office of the Registrar (<https://registrar.colostate.edu/contact-us/>) on campus. (Note: Credits from two-year colleges are not accepted for 300 and above level courses at CSU.) The College of Agricultural Sciences welcomes transfer students from both two- and four-year colleges and encourages potential transfer students to work closely with the University to minimize transfer issues.

Currently, the College of Agricultural Sciences is the only institution that has the ability to grant a four-year baccalaureate in agriculture. For that reason, the College works hard to collaborate with community and four-year colleges across Colorado, collaboratively with the state-wide organization entitled CACTA (Colorado Association of Colleges and Teachers of Agriculture), to develop state-wide articulation agreements as well as transfer arrangements. This information can be found on the Office of the Registrar's website. (<https://registrar.colostate.edu/transfer-agreements-guarantees/>) Because of a mutual general education core, students that take courses for a major listed on a state-wide agreement are guaranteed to graduate in an additional 60 credits if they follow course recommendations.