

# Soil & Crop Sciences

## College of Agricultural Sciences

Do you want to turn environmental challenges into real-world opportunities? In Soil & Crop Sciences, we tackle big issues like climate change, sustainable food, and water shortages with cutting-edge science and technology. From crop genetics to soil health, precision ag to microbiomes, we're shaping the future of farming and the planet.

With three concentrations to choose from – **Soil Science and Environmental Solutions, Sustainable Agriculture Management, and Plant Biotechnology** – you will join a supportive community working hands-on to create solutions that matter. Students in this major have a unique opportunity to learn from and work alongside world-renowned researchers who are leading in discovery and innovation in global agricultural problem solving. A key to career success in this field is building strong relationships throughout your college/career journey (networking) and gaining hands-on experience through experiential learning.

### Entry Level Employers

Drylands Agroecology Research  
Colorado State University  
Antea Group USA  
Syngenta  
Crow Creek Dairy  
USDA – NRCS  
College & Universities  
Bayer Crop Science  
Inari, the SEEDesign Company

*Many more career pathways exist beyond these examples, which include a mix of verified roles held by CSU grads and common career paths.*

### Entry Level Job Titles

Wheat Breeding Field Assistant  
Environmental Specialist  
Operations Manager  
Research Assistant  
University Institutional Researcher  
Soil Conservationist  
Research Technician  
Agronomist

### Mid-Level Positions

*May require more experience or education*  
Certified Crop Advisor (CCA)  
Natural Resource Conservationist  
Assistant Staff Scientist  
Soil Scientist  
Extension Specialist  
Research Scientist  
Reclamation Specialist  
Agricultural Consultant  
Agricultural Data Manager

## Earning Potential & Financial Wellbeing

Typical earnings for Bachelor's degree holders are **86% higher** than those with a high school diploma.

**87%** of Bachelor's degree holders report **financial wellbeing** (20 points higher than groups with any other level of education).

Median lifetime earnings are **\$1.2 million** higher for bachelor's degree holders.

Source: [APLU](#)

Explore Major-Specific CSU Alum Live Career Data:  
<https://col.st/omby6>





# Gaining Experience



Learning through direct experiences and active engagement is called **experiential learning**. These opportunities help you build **CSU Career Competencies** (skills employers highly value across all industries).

## Internship Possibilities

CSU Compost Intern  
United States Department of Agriculture  
National Oceanic & Atmospheric Administration  
Helena Agronomy/Sales Internship  
Wheat Breeding Program Internships  
Agricultural Water Quality Program  
CSU Extension Internships  
CSU Testing Ag Performance Solutions (CSU-TAPS)  
Agronomy Foundation Seed

## On-Campus Employment

On-Campus employment helps you build your network and develop career competencies while earning money.

Apply for on-campus employment year-round on [Handshake](#).

## SOCR Student Story



<https://col.st/3M1ap>

**Sam Holtshouser**  
Career Education Manager  
She/Her/Hers

**Nickey Pietila**  
Career Education Coordinator  
She/Her/Hers

## Research Opportunities & Labs

[CAS Undergraduate Research Fellowship](#)

Emerge REU (Research Experiences for Undergraduates)

[Campus Labs & Research Programs](#)

MURALS, CURC, or CSU OURA Lab

Finkner-Hale SOCR 1 year paid undergrad research position in SOCR Dept.

Subsurface Drip Irrigation Efficiency Program

[How to find a research experience in science](#)

## More experiential learning opportunities for SOCR students

Join the Agronomy Club, Soil Judging Team, or other [clubs, orgs](#) and [competitive teams](#).

Study abroad with PURPAN Agriculture & Food Science Summer Program in Toulouse, France

Attend Fall CANVAS Meeting

Explore grad school possibilities with your ASC, college career team, or faculty

## Current Students – Connect with your college Career Team!

Schedule an appointment!



<https://col.st/BHYqD>



COLORADO STATE UNIVERSITY

CAREER CENTER  
COLLEGE OF AGRICULTURAL SCIENCES