



AGRICULTURAL SYSTEMS TECHNOLOGY



Combine technology and business to be at the forefront of technological innovation in agriculture, environmental protection and related industries. Study digital agricultural systems pertaining to structures, hydraulics, precision agriculture, machinery, electricity, sensors and the Internet of Things to manage agricultural systems.

CAREER OPPORTUNITIES

- Technical and business knowledge will prepare you for a variety of careers, including:
- + **AGRICULTURAL & POWER EQUIPMENT MANUFACTURING.** Train in precision agriculture, hydraulics, electrical and automation systems for digital agriculture, including Internet of Things (IoT), sensors and computer-aided control systems.
 - + **EQUIPMENT SALES & SERVICE.** Strong product knowledge and business skills are a great fit for agricultural machinery dealerships. Our graduates often go directly into management-level positions.
 - + **FOOD PRODUCTION & PROCESSING.** Work as a grain elevator manager or a food processing operator to properly handle, store and process crops and materials.
 - + **GOVERNMENT.** Develop and manage water management or nutrient management systems, animal waste management systems, and other agricultural and natural resource programs.



INTERNSHIPS & EMPLOYMENT

Archer Daniels Midland • Bobcat • MFA Incorporated • Vermeer Equipment • Gaviion • Louis Dreyfus Company • Orscheln Farm and Home • United States Army Corps of Engineers • American Pulverizer Company • Anheuser-Busch • Bayer Crop Science • Climate Corporation • Missouri Department of Agriculture • Bunge North America

Career Possibilities Include

- + Grain Merchandiser
- + Farm Operations
- + Crop and Livestock Specialist
- + Agricultural Retail Management
- + Precision Agriculture Technician
- + Field Agronomist
- + Farm Production Management
- + Agricultural Facility and Operations



GET IN TOUCH!

Schedule a campus visit

CAFNR RECRUITING

Phone (toll free):
888-682-2367

Email:
visitcafnr@missouri.edu

Web:
cafnr.missouri.edu

Ask questions about dual enrollment/transfers

CAFNR ADVISING

Phone:
573-882-8301

Email:
cafnradvising@missouri.edu

Check equivalency online:
admissions.missouri.edu

Learn more about the University of Missouri

MU OFFICE OF ADMISSIONS

Phone:
573-882-7786

Email:
askmizzou@missouri.edu

Web:
admissions.missouri.edu

HANDS-ON LEARNING

- + **LEARNING LABS.** Participate in hands-on educational experience at the ADM Center for Agricultural Development, a research lab facility designed for agricultural systems technology students to hone team and entrepreneurship skills while learning about biofuels, food production, energy processing and the digital transformation that is rapidly changing daily agricultural operations. Opportunities also exist at CAFNR research centers throughout the state.
- + **INTERNSHIPS.** Students typically spend one or more summers working at respected businesses and agencies throughout the country. They are often expected to manage some of the day-to-day activities of that business. When students accept a second internship at the same company, they usually become part of the leadership team.

CLASSES YOU MIGHT TAKE:

- ☐ Data Management and Analysis
- ☐ Precision Agriculture
- ☐ Sensors and Control Systems
- ☐ Internet of Things
- ☐ Pesticide Application Technologies

See catalog.missouri.edu for full curriculum.

the CAFNR experience



100%

of 2019-20 AST graduates
employed or continuing their
education within six months
of graduation

SIGNATURE EXPERIENCE

One of the many unique experiences available for ag systems technology students is the chance to earn a certificate in precision agriculture technology. Precision agriculture is a management practice used by farmers to collect data, study variables, develop strategies and implement plans on their farm.



College of Agriculture,
Food & Natural Resources
University of Missouri



cafnr.missouri.edu