



**KENTUCKY STATE  
UNIVERSITY**

# SCHOOL OF AGRICULTURE, COMMUNITIES AND THE ENVIRONMENT

Today's world needs people prepared to solve global challenges related to a safe and reliable food supply, protection of natural resources, climate change, improved nutrition, public health, and alternative energy sources. The United States Department of Agriculture and United States Department of Labor predict significant job growth in the areas of food, renewable energy, environment, and agribusiness. Increased demand is expected for agricultural inspectors, environmental scientists and specialists, including health, agriculturists and food scientists, soil and plant scientists, conservation scientists, forest and conservation technicians, agricultural and environmental law, public and agricultural policy, biotechnology, fisheries and wildlife, economic development, and agricultural communications. A degree from KSU's CACS will prepare graduates for a variety of jobs in these fields.

The CACS baccalaureate degree program in Agriculture, Food, and Environment (AFE), with six individual tracks

1. agriculture business,
2. agricultural systems,
3. aquaculture systems,
4. environmental systems,
5. nutritional sciences and food systems, and
6. agriculture communications

prepares graduates in these growth areas in the U.S. economy. Using an interdisciplinary approach, students from diverse backgrounds will develop a broad understanding of relationships between agricultural and aquaculture systems, food safety, and the environment.

## Bachelor's

- Agriculture, Food and the Environment Bachelor of Science - Agricultural Systems Track (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/agriculture-food-environment-bs-agricultural-systems-track/>)
- Agriculture, Food and the Environment Bachelor of Science - Agriculture Business Track (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/agriculture-food-environment-bs-agriculture-business-track/>)
- Agriculture, Food and the Environment Bachelor of Science - Agriculture Communications Track (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/agriculture-food-environment-bs-agriculture-communications-track/>)

- Agriculture, Food and the Environment Bachelor of Science - Aquaculture Systems Track (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/agriculture-food-environment-bs-aquaculture-systems-track/>)
- Agriculture, Food and the Environment Bachelor of Science - Environmental Systems Track (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/agriculture-food-environment-bs-environmental-systems-track/>)
- Agriculture, Food and the Environment Bachelor of Science - Nutritional Sciences and Food Systems Track (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/agriculture-food-environment-bs-nutritional-sciences-food-systems-track/>)

## Minors

- Agriculture, Food and the Environment Minor (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/agriculture-food-environment-minor/>)
- Aquaculture Minor (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/aquaculture-minor/>)
- Geospatial Technology Minor (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/geospatial-technology-minor/>)
- Health Sciences Minor (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/health-sciences-minor/>)

## Certificates

- Agriculture Business Management Certificate (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/agriculture-business-management-certificate/>)
- Animal Agriculture Certificate (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/animal-agriculture-certificate/>)
- Aquaculture/Aquatic Sciences Certificate (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/aquaculture-aquatic-sciences-certificate/>)
- Environmental Measurements Certificate (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/environmental-measurements-certificate/>)
- Fermentation and Distillation Technology Certificate (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/fermentation-distillation-technology-certificate/>)
- Food Safety Certificate (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/food-safety-certificate/>)
- Geospatial Technology and Application Certificate (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/geospatial-technology-application-certificate/>)

- Human Health and Nutrition Certificate (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/human-health-nutrition-certificate/>)
- Sustainable Agriculture Systems Certificate (<https://kysu-public.courseleaf.com/undergraduate/agriculture-community-sciences/agriculture-communities-environment/sustainable-agriculture-systems-certificate/>)