



**FRESNO STATE**®

**Jordan College of  
Agricultural Sciences  
and Technology**

## Fresno State

is the largest university in California's Central Valley and the nation's leading agricultural area.

It's a place of discovery and where your bold future begins.

Our programs, projects, and industry partnerships firmly connect the campus to the diverse and fast-growing region.

## Agriculture

The Jordan College of Agricultural Sciences and Technology engages students in hands-on teaching and research in our six departments and three research centers.

Internships and real-world experience on our 1,000-acre University Agricultural Laboratory cultivate problem-solving skills that are vital for your education and productive career.

## Thrives

Over 30 Jordan College student organizations empower students to enjoy active lifestyles and gain dynamic, leadership skills to serve the community.

Students work at our 18 campus farm units year-round to produce fresh products at our Gibson Farm Market, while learning sustainable and innovative production methods.



Learn more about us at [jcast.fresnostate.edu](http://jcast.fresnostate.edu) & [@fsjordancollege](https://twitter.com/fsjordancollege)

## Student Clubs & Organizations

- Advanced Technology Enterprises
- Ag Ambassadors
- Ag Business Club
- Ag Education & Communications Club
- Ag Mechanics Club
- Ag Systems & Technology Club
- Alpha Gamma Rho Fraternity
- Alpha Zeta Society
- Animal Welfare Club
- Block & Bridle Club
- Bulldoggers Rodeo Team
- Dairy Club, Challenge & Show Teams
- Enology Society
- Equine Science Club
- FFA Field Day Committee
- Food Science & Culinology Club
- Honors Research Cohort
- Irrigation Club
- Livestock Judging Team
- MANRRS
- Meat Science Club
- Minorities in Ag, Natural Resources & Related Sciences (MANRRS)
- Motorsports Club
- National Agri-Marketing Association Club
- Plant Science Club
- Poultry Science Society
- Pre-Veterinary Club
- Red Wave Show & Sale
- Robotics Club
- Sigma Alpha Sorority
- Soils Judging Team
- Swine Show Team
- Student Dietetic Association
- Student Leadership Council
- Viticulture Club
- Young Cattlemen's Association

# Major areas of study

## Agricultural Business

The curriculum blends economic principles and business applications in the agricultural and food industries (while stressing analytical reasoning and creative problem-solving).

## Animal Sciences and Agricultural Education

Basic animal science specializations include pre-veterinary medicine, equine science, meat technology, and beef cattle, dairy, poultry, sheep, and swine production. Agricultural education options include an agricultural communications degree and training for high school agriculture teachers.

## Food Science and Nutrition

The department offers four distinct, yet closely-related options: culinology, dietetics and food administration, food science, and human nutritional sciences.

## Industrial Technology

The department emphasizes automation, computers, GIS/GPS, mechanics and robotics skills to prepare students for careers in precision agriculture and systems management.

## Plant Science

The curriculum is rooted in field-based experience in pomology, olericulture, agronomy, environmental horticulture, soils, irrigation, entomology, plant pathology, weed science, and mechanized agriculture.

## Viticulture and Enology

Students utilize the campus vineyard and winery to provide hands-on experience in all phases of table, wine, and raisin grape production, processing, and research.



## Jordan Agricultural Research Center

The \$24 million **Jordan Agricultural Research Center** is the first of its kind in the California State University system. The 30,000-square foot facility encourages collaboration between agriculture, engineering, science and mathematics to discover innovative solutions.



## Explore our University Agricultural Laboratory

Conveniently located next to campus, our 1,000-acre [campus farm](#) connects Fresno State students to innovative methods and training through research, classes and jobs (while providing fresh products to our **Gibson Farm Market**) & includes:

- **Wine, Raisin, and Table Grape Vineyards** (120 acres, 20 varieties) & **Winery** (nation's first and largest on a college campus).
- **Animal Units and Meat Science Lab** (beef, dairy, equine, poultry, sheep and swine units and meat science lab that processes +30 types of sausage, cured products, and popular meat cuts).
- **Creamery** (milk, 25+ ice cream flavors, cheese processing)
- **Horticulture Unit** (greenhouses and production plots, propagation and tissue culture laboratory).
- **Orchards, Vegetable and Field Crops** (400 acres of citrus, nuts, olives, stone fruit, vegetables, row and forage crops, and the Central Valley's favorite summer food — Fresno State sweet corn).

Prospective student?

[www.GoToFresnoState.com](http://www.GoToFresnoState.com)  
[@FSGoDogs](https://twitter.com/FSGoDogs)



## Campus Farm

Conveniently located next to campus, the 1,000-acre [University Agricultural Laboratory](#) gives Fresno State students hands-on experience in a wide variety of areas.

- **Wine, Raisin, and Table Grape Vineyards**

Over 20 varieties of wine, table, and raisin grapes are raised on 120 acres. The Fresno State Winery has received over 300 awards since it became the first commercially-bonded collegiate winery in 1997 (and is still the largest).

- **Animal Units and Meat Science Lab**

Beef, dairy, equine, poultry, sheep and swine units provide hands-on learning opportunities. The campus meat lab is known for its 30 high quality flavors of sausage, jerky, and other popular products.

- **Food Processing Laboratory and Creamery**

Students help create, process, and package jams, jellies, sauces, salsa, nuts, cheese and ice cream.

- **Horticulture Unit**

Plant propagation facilities, greenhouses, and a tissue culture laboratory promote plant health, soil, water, and agronomy study. The unit also sells plants year-round at the Gibson Farm Market.

- **Orchards, Vegetable and Field Crops**

Students gain experience in the production of citrus, nuts, olives, stone fruit, seasonal vegetables, row and forage crops, and the Central Valley's favorite sweet corn. They can also participate in research and test the latest irrigation technologies.



## Research

The Jordan College supports an array of vibrant research endeavors led by experienced faculty and research staff.

Students are involved in research through class projects, one-on-one research experiences with faculty, and as student employees through its research centers that include:



- The [Institute for Food and Agriculture](#) encourages growth, educational programming, innovation, partnerships and global trade opportunities for California's ag business industry.

- The [Center for Irrigation Technology](#) is a leading independent testing lab and resource for innovative water and energy management practices. Its state-of-the-art facilities and industry ties reflect the need to integrate agricultural, environmental and urban concerns.

- The [Viticulture and Enology Research Center](#) serves the grape and wine industry by developing and applying new and emerging technologies in viticulture, enology and related disciplines.



## Scholarships



Through the generosity of industry and many donors, the Jordan College expects to provide more than \$850,000 in scholarships and support of programs and students in 2021-22 through the campus [Ag One Foundation](#).



**More Info** [jcast.fresnostate.edu](http://jcast.fresnostate.edu) [@fsjordancollege](https://twitter.com/fsjordancollege)