Campus Farm

The 22 campus farm units that comprise our University Agricultural Laboratory are conveniently located next to campus. Each unit gives students experience in all phases of production and showcases innovative equipment, methods, and research to classes, community groups, industry members and visitors from around the world.

• Wine, Raisin, and Table Grape Vineyards
120 acres of vineyards are easily accessible for the nation’s leading collegiate on-campus training ground for grape-growing, wine-making, and research. The Fresno State Winery has a 50,000-gallon capacity and has received over 600 awards since it became the first commercially-bonded collegiate winery in 1997.

• Animal Units and Meat Science Lab
Beef, dairy, sheep, and swine units raise livestock that are utilized for FFA and 4-H shows, breeding, and production. The equine unit features 30 quarterhorses, while the computer-automated Foster Farms Poultry Research Facility manages a 20,000-bird flock. The campus meat lab is nationally-known for its high quality flavors of sausage, jerky, and other popular meat products.

• Food Processing Laboratory and Creamery
Student workers and culinology students help create, process, and package over 30 types of jam, jelly, sauce, salsa, nut, and candy products. Milk from the campus dairy is also used to produce cheese and 37 flavors of ice cream.

• Horticulture Unit
Plant propagation facilities, greenhouses, and a tissue culture laboratory allow students to study plant health, soil, water, agronomy, and horticulture.

• Orchards, Vegetable and Field Crops
Citrus, nut, olive, and stone fruit orchards provide fresh produce, and the 220 acres are also utilized for research and testing the latest irrigation technology. Seasonal vegetables, row and forage crops, and the Central Valley’s favorite sweet corn are raised on 300 acres.

From the Dean

“You are the same today that you are going to be five years from now except for two things: the people with whom you associate and the books you read.”

The words above come from Charles “Tremendous” Jones, publisher, motivator and humorist. He wasn’t talking about college, but he certainly described the essence of the college experience.

The time you spend with us at Fresno State will result in some of the most profound changes you will go through in your life.

Students in the Jordan College of Agricultural Sciences and Technology have the opportunity to associate with people who are experts in their respective fields and with fellow students who represent diverse backgrounds and perspectives.

Our administrators, faculty, and staff are committed to giving you the best learning experiences possible in order to help you to be successful in your chosen field. We also promote many leadership development opportunities for students, as we recognize that you are our future.

Students are our primary focus, and I welcome them to stop by and chat with me about their dreams and aspirations and to share their ideas for how the Jordan College can further support the students’ academic experience. One of my personal goals is to never stop learning, and students have been some of my best teachers!

Dr. Sandra S. Witte, Jordan College Dean

Research

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

A major campus-based program operates under the California Agricultural Technology Institute (CATI). The institute is dedicated to improving the economic efficiency, productivity, and profitability of California agriculture and its allied industries. Three centers work under CATI.

• The Institute for Food and Agriculture plays a vital role in encouraging growth and innovation for the state’s food and agricultural industry. It has expanded its services, outreach, and resources by leveraging industry partnerships and research with nationally-recognized campus research centers and departments.

• The Center for Irrigation Technology is a leading independent irrigation testing lab and applied research facility. With state-of-the-art facilities, it works to advance water/energy management practices and equipment standards, while integrating agricultural, environmental, and urban interests.

• 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.

Another major grant program is the California State University Agricultural Research Institute (ARI). Its applied research benefits the agricultural industry and environmental and natural resource management. The 30,000-square-foot Jordan Agricultural Research Center offers students and faculty exciting, new opportunities. The building, which opened in 2016, was made possible by a $29.4-million donation by the Bud and Dee Jordan family.

Scholarships

The Ag One Foundation (www.agonefoundation.org) is the primary source for Jordan College student scholarships. Since its founding in 1979, the foundation has raised approximately $19.5 million in endowed funds to award scholarships to 3,700 deserving Jordan College students, as well as grants and program support.

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Our students thrive in an atmosphere of knowledge and opportunity that is reflective of the diversity of people, products, and professions available in the nation’s leading food and agricultural region. On campus and throughout the community, opportunities abound to learn about science, technology, and management in the classroom and through on-site industry and research projects. Nearly 2,500 Jordan College students enjoy active lifestyles through social and athletic activities and gain a sense of community by participating in 35 Jordan College student organizations and many more throughout the university. Our students play a major role on our 1,000-acre on-campus farm. The fresh products they raise, process, and package are sold year-round at our Gibson Farm Market, also on campus.

**Major areas of study**

**Agricultural Business**
The agricultural business program at Fresno State is a nationally-recognized model. The curriculum blends economic principles and business applications in the agricultural and food industries. It stresses the development of analytical reasoning and creative problem solving.

**Animal Sciences and Agricultural Education**
The study of animal sciences at Fresno State cultivates solid skills backed by strong real-world experience. We offer specializations in basic animal science and pre-veterinary medicine, equine science, meat technology, and beef cattle, dairy, poultry, sheep, and swine production management. Agricultural education students focus on agricultural communications or secondary teaching. With the expanding societal need for awareness of and education about agriculture, career opportunities abound for students ready to step into either of these majors. There is a great demand for high school agricultural teachers in California, and Fresno State is one of the state’s largest programs.

**Child and Family Science**
Students prepare for rewarding careers working with children and families to improve their quality of life. A child development option focuses on normative human development, while a family science option involves the study of the family system. Students enter careers such as teaching and program administration, and may go on to graduate school to become family life educators, social workers, and therapists. Students gain crucial applied learning experience in on-campus child development labs or in internships with a variety of community organizations. Faculty also engage students in diverse research opportunities.

**Food Science and Nutrition**
Located in one of the world’s most productive food processing region, this department is ideally situated to provide students with both a strong academic and practical education. The department offers three distinct yet closely related study options: Culinology®, Dietetics & Food Administration, and Food Science.

**Industrial Technology**
The department serves students with interests in automation, computers, GIS/GPS, mechanics, and robotics, preparing them for careers in precision agriculture and agricultural systems management. The program encourages research and problem-solving, while providing services to industry, business, and agriculture.

**Plant Science**
The Department of Plant Science provides students with an academic background deeply rooted in field-based experience in pomology, olivericulture, agronomy, environmental horticulture, soils, irrigation, economic entomology, plant pathology, weed science, and mechanized agriculture. The university’s 1000 acre agricultural laboratory is home to cutting-edge horticultural and agronomic practices. Our graduates are sought after by many of the world’s leading agricultural industries.

**Viticulture and Enology**
The program is a national leader for its large campus vineyard and winery that provide hands-on experience in all phases of production and processing. Its industry ties and commitment to academic excellence prepare students for positions in the state’s renowned raisin and wine industries and around the world.

**Honors Program**
At the beginning of their junior year, students with a minimum 3.5 GPA are eligible to apply for our Jordan College Honors Program. Accepted students participate in special classes and engage in research projects under the supervision of faculty mentors. The program culminates with presentation of their research and recognition at convocation.

**Student Clubs & Organizations**

- **Advanced Technology Enterprise**
- **Ag Ambassadors**
- **Ag Business Club**
- **Ag Mechanics Club**
- **Alpha Gamma Rho**
- **Alpha Zeta**
- **Ambassadors for Youth Success**
- **Animal Welfare Club**
- **Block & Bridle Club**
- **Bulldoggers Rodeo Team**
- **Culinology Club**
- **Dairy Club, Challenge & Show Teams**
- **Enology Society**
- **Equine Science Club**
- **FFA Field Day Committee**
- **Fresno State Council on Family Relations**
- **Food Administration, and Food Science.**
- **Food Science Club**
- **Irrigation Club**
- **Livestock Judging Team**
- **Meat Science Club & Judging Team**
- **Motorsports Club**
- **National Agri-Marketing Association Club**
- **Plant Science Club**
- **Poultry Science Society**
- **Pre-Veterinary Club**
- **Robotics Club**
- **Red Wave Show & Sale**
- **Sigma Alpha Scourby**
- **SERA Club**
- **Soils Judging Team**
- **Swine Show Team**
- **Student Dietetic Assoc.**
- **Viticulture Club**
- **Young Caliellen’s Assoc.**