

# Viticulture

## The Industry

The grape and wine industries of California have long recognized the value of the education and training received by students at California State University, Fresno. These industries acknowledge the need for this training through their support of faculty and students and by providing research grants and more than \$50,000 per year in scholarships and assistantships.

The future vineyard manager—whether for raisin, table, concentrate, or wine grapes—will need to be prepared to deal with the rapidly progressing field of viticulture. This will require a sound scientific understanding of biology, chemistry, plant health, and agricultural economics as well as viticulture. Future vineyard managers must also be able to combine all of these factors in an economically, environmentally, and viticulturally sustainable management system.

There is a demand for well-trained viticulturists. Graduates from the viticulture program at Fresno State are recognized for the quality of their training and are highly sought after by industry. Our program is located in the center of the largest table, raisin, and wine grape producing area in the United States, and there are numerous opportunities for employment.

The scientifically based curriculum emphasizes hands-on training and problem solving approaches to viticulture management. This training takes advantage of the 150-acre table, raisin, and wine grape vineyard

located on the campus. In addition, Fresno State has the only commercial bonded winery in the world at a four-year institution. Our raisin processing facility provides training for viticulture and enology students and is the only one of its kind in the United States. In addition to access to campus facilities, there are opportunities with industry partners to conduct internships to gain further experience before employment.

If you are interested in an exciting, challenging career in viticulture, join the Department of Viticulture and Enology at California State University, Fresno.

## Career Opportunities

Vineyard Manager  
Viticulturist  
Vineyard Consultant  
Winery, Processor Representative  
Technical Representative for equipment manufacturer  
Agricultural Commodities Broker  
Agricultural Researcher  
Grapevine Breeding Breeder Consultants  
Chemical Company Representative  
Vineyard Appraiser for Bank, Realtor  
County Extension Agent  
Farm and Home Adviser

California State University, Fresno offers a bachelor's of science in viticulture. The fundamental sciences integrated with hands-on training in our curriculum is designed for students who intend to be employed im-

mediately following graduation. The curriculum also prepares students for postgraduate studies in viticulture.

## Viticulture Courses-

### General Education

Plant Biology  
Introduction to General Chemistry  
Introduction to Agricultural Economics  
Food, Society, Environment

### Viticulture Courses-Major

Principles of Viticulture  
Advanced Viticulture  
Raisin Production and Processing  
Production and Marketing-Table Grapes  
Winegrape Production  
Vineyard Project  
Viticulture Seminar  
Mechanized Viticulture  
Grape Varieties and Rootstocks  
Introduction to Enology  
Wine Evaluation Techniques  
Economic Entomology  
Weeds  
Plant Pathology

### Additional Requirements

Agricultural Water  
Soils  
Soils Laboratory  
Crop Nutrition  
Satisfy Writing Requirement by either UDWE or PLANT 110W  
Plant Physiology  
Introduction to Organic Chemistry  
General Biochemistry  
Farm Tractors and Equipment  
Introduction to Biometrics  
Crop Improvement

California State  
University, Fresno

Department of  
Viticulture and  
Enology

559.278.2089

B.S. in Viticulture

*Also available:*

B.S. in Enology

Certificate of Special  
Study in Enology

M.S. in Viticulture  
and Enology

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# Viticulture

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## **Electives**

Farm Accounting  
Farm Management  
Ag-Labor Management Relations  
Agribusiness Management  
Agricultural Finance  
Field Studies  
Fermentation Lab  
Winery Management  
Post-Harvest Handling

## **Other Courses**

World Viticulture  
Topics in Viticulture  
Undergraduate Research  
Independent Study  
Canopy Management and Trellises

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**California State  
University, Fresno  
Department of  
Viticulture and  
Enology**

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93740-8003

**For additional  
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Viticulture and Enology at  
California State University,  
Fresno*

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**PLEASE NOTE:** This document is for general informational purposes only. The information is subject to change; consult the appropriate department or an academic adviser. Entering freshmen must follow the revised General Education program effective fall 1999 and thereafter. The university catalog and schedule of courses are available online at [www.fresnostate.edu/ClassSchedule](http://www.fresnostate.edu/ClassSchedule) and [www.fresnostate.edu/catalog](http://www.fresnostate.edu/catalog).

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