

## AGRICULTURAL INDUSTRY AND EDUCATION DEPARTMENT

### FACULTY

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The Department of Agricultural Industry and Education offers a wide variety of educational opportunities including programs of study in agricultural education, mechanized agriculture, food science, dairy industry, and enology.

The department provides faculty to counsel students who wish to pursue programs emphasizing teacher education, food science and technology, dairy manufacturing, mechanized agriculture, and wine making. The courses offered in the disciplinary areas listed below provide the necessary background to prepare students for career objectives.

*Mechanized Agriculture (Ag Me)* prepares students for positions in farm equipment development, sales and service, rural electrification, farm building construction, and general farming. The courses deal with the ever-changing field of agricultural processes and mechanization.

*Agricultural Education (Ag Ed)* prepares students as teachers of agriculture for the public school grades 7 through 14.

*Dairy Industry (D Ind)* prepares students for positions in the dairy and food processing industry with in-depth subject matter in production, marketing, government inspection, and food technology.

*Food Science (F Sci)* prepares students for employment opportunities with governmental agencies engaged in regulatory work; food industry including food processing, canning, freezing, and packaging plants; and research.

*Enology (Enol)* prepares students for positions in the California wine industry. Typical positions include laboratory technologist, plant sanitarian, wine chemist, processing department supervisor, and production manager.

**Programs of Study:** The Department of Agricultural Industry and Education provides competent advisers for students pursuing career objectives in, *but not limited to*, the following areas:

<i>Career Objective</i>	<i>Suggested Major</i>
Farm equipment sales and service	Agricultural business
Agricultural engineering	Agricultural science
Dairy industry technology	Agricultural science
Teaching: vocational agriculture, junior high school, community college, college or university	Agricultural education
Food technology, food processing	Agricultural science
Enology, wine technology	Agricultural science
Wine chemistry, food chemistry	Agricultural science
Food plant management	Agricultural business
Agricultural sales: food products, farm equipment	Agricultural business
General farming or ranching	Agricultural education or agricultural science
Food and dairy sanitation	Agricultural science
Agricultural research: food products, agricultural by-products	Agricultural science
International Agriculture	Agricultural Science

**Laboratory Units:** Theoretical instruction is enhanced through practical application at the various laboratory units. These units include the Dairy Processing Laboratory, Enology Laboratory, and Agricultural Mechanization Laboratory.