

School of Agricultural Sciences and Technology

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California Agricultural Technology Institute

Herbert O. Mason, *Chair,* Agricultural Economics

John A. Jacobs, *Chair,*

Animal Sciences and Agricultural Education

N. Joanne Caid, *Chair,*

Enology, Food Science and Nutrition

Eugene W. Krebs, *Chair,*

Family Studies and Home Economics

Gary E. Grannis, *Chair,* Industrial Technology

Allan A. Hewitt, *Chair,*

Plant Science and Mechanized Agriculture

Anne V. Rodiek, *Director,* Graduate Programs

Juan C. Batista, *Director,* Center for Agricultural Business

Kenneth H. Solomon, *Director,*

Center for Irrigation Technology

Gary L. Ritenour, *Director,*

Crop Production and Protection Center

Don Duncan, *Director,* San Joaquin Experimental Range

Vincent E. Petrucci, *Director,*

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Degrees Offered

B.S. in Agricultural Business

B.S. in Agricultural Education

B.S. in Agricultural Science

Option: I (Production)—with concentrations in Animal Science, Plant Science, Mechanized Agriculture, Food Science;

II (Science)—with concentrations in Animal Science, Plant Science, Agricultural Engineering Technology, Food Science;

Dietetics and Food Administration—with concentrations in dietetics, nutrition, and food services

B.S. in Industrial Technology

Options: Construction; Manufacturing Industries

B.A. in Industrial Arts

Option: Graphic and Interior Design

B.A. in Home Economics

Minors: Agriculture, Home Economics, Industrial Arts

M.S. in Agricultural Business

M.S. in Agriculture

Options: Agricultural Chemistry, Animal Science, Food Science and Nutrition, Plant Science

M.S. in Home Economics

M.A. in Industrial Arts

Mission Statement

The university mission statement reveals the institution's priorities. CSU Fresno "emphasizes programs in Agriculture and Business, reflecting its location in the world's premier agriculture and agribusiness center. The university recognizes a special commitment to work with the community in the preparation of students for industries and professions in the San Joaquin Valley." Also, "The university fosters applied research and public service programs . . . contributing to the intellectual, social, cultural, and economic vitality of the San Joaquin Valley and California."

Historical Development

The School of Agricultural Sciences and Technology is firmly rooted in the tremendously fertile San Joaquin Valley. Instruction in vocational agriculture started three years after the 1911 establishment of Fresno State Normal School. The Agricultural Department began in 1925 and included a biology program. Land was rented for the self-supporting Millbrook farm in 1937. During the early 1940s the curriculum was expanded to include animal husbandry, agricultural mechanics, and food processing. From 1947 to 1954 the first farm laboratory was established at Hammer Field. Leaders in California agricultural industries launched a state-wide fund-raising effort to acquire the present 1,200 acre agricultural laboratory and new Fresno State College site. In 1952 the Agriculture Department became the Division of Agriculture composed of three departments—Agricultural Mechanics, Animal Science and Plant Science. Animal science and plant science advanced degree programs were added to the curriculum in 1968. The School of Agricultural Sciences was established in the late 1960s. The Department of Agricultural Economics was created during the 1969–70 academic year. In 1977 the Department of Family Studies and Home Economics joined the school, which was renamed School of Agriculture and Home Economics. The Department of Industrial Arts and Technology became a part of the school in 1980. In 1982 an advanced degree in Agricultural Business was approved. Today, the school offers five advanced degree programs. The agricultural laboratory was enhanced by the 1983 addition of the 4,500-acre San Joaquin Experimental Range in the Sierra Nevada foothills. In 1987 the school adopted the new name of Agricultural Sciences and Technology to more accurately reflect the growing emphasis of academic and outreach programs in scientific research, technology transfer, and management efficiency.

A significant addition to the school occurred in 1984, when the California Agricultural Technology Institute (CATI) was founded to sponsor applied research and technology transfer needed by agricultural industries of California. CATI oversees the funding and administration of the Viticulture and Enology Research Center (1985), the Center for Irrigation Technology (1980), the Crop Production and Protection Center (1986), and the Center for Agricultural Business (1986) as well as the San Joaquin Experimental Range.

The original agriculture baccalaureate program has been expanded to the current program that includes 54 options, concentrations and emphases. Within the six departments (Agricultural Economics; Animal Science and Agricultural