Approved nonagriculture courses open to restricted technical students: Math 27, 28; Off Ad 1; Engl 1, 6; Spch 3; Hist 1, 10, 11 or 12; Pol Sc 2; Biol 1A, 1B; H Sc 90 PE (activities); Mus (activities); Psych 10; other specified courses required in the program.

MINOR

A minor in agriculture is available to degree students in other departments and may be selected from one of the specialized agriculture fields. The minor consists of 20 units of which 12 are upper division.

CREDENTIAL PROGRAM

For information on the current credential program, consult departmental advisers and the School of Education; see the section on *Public School Credentials.*

MASTER OF SCIENCE DEGREE

The master of science degree in agriculture is designed to extend competence for agricultural research, agricultural field work, and the teaching of agriculture, and to provide the first graduate degree for students anticipating advanced graduate study in animal or plant sciences. For detailed information about the graduate program at Fresno State College, see the *Graduate Bulletin,* available in the Office of the Dean, School of Graduate Studies.

GENERAL EDUCATION REQUIREMENTS

The following courses will satisfy general education requirements. *Area I:* AnSc 10, PlSc 30. *Area V:* AnSc 70, Enol 15, FS 1, PlSc 10, 15, 25, 40. (See *General Education—Courses*)

GRADUATE COURSES (Ag)

(See *Course Numbering System–Definitions and Eligibility*)

200. Experimental Methods (3)

Prerequisite: Math 40 or equivalent; permission of instructor. Principles of research emphasizing procedures, collection of data, summarization and publication of results. Design, conduct, and analysis of experiments in agriculture.

220. Readings in Agriculture (2-3)

Prerequisite: permission of instructor. Individually directed readings in a field of special concern to the student's graduate program; appropriate reports and evaluation required.

240T. Seminar in Animal Science (3; max total 12)

Prerequisite: upper division animal science appropriate to study topic; permission of instructor. Investigation of topic in animal science: anatomy, physiology, pathology, nutrition, genetics, or economics.

250T. Seminar in Plant Science (3; max total 12)

Prerequisite: upper division plant science appropriate to study topic, permission of instructor. Advanced studies in a given area: crop physiology, plant breeding, plant pathology, plant nutrition, or economics.

260. Seminar in Animal Science (1; max total 4)

Prerequisite: permission of instructor. Written and oral reports on selected areas of research on problems in animal science.

270. Seminar in Plant Science (1; max total 4)

Prerequisite: permission of instructor. Reviews and reports on recent literature and problems in agronomy, horticulture, irrigation, soils, ornamental horticulture, or viticulture and enology.