

**Ag 151. Farm Accounting (3)**

Prerequisite: Econ 1A, Bus Ad 27, or permission of instructor. Farm accounting systems, farm records, budgets, income tax returns. (2 lectures, 3 lab hours)

**Ag 159. Spray Materials (3)**

Prerequisite: Chem 2A-B. Development of agricultural chemical industry; chemical properties of compounds used as insecticides, fungicides, rodenticides and herbicides; formulations, regulations and typical uses of these materials. (2 lecture, 3 lab hours)

**Ag 180. Special Problems (1-4; max total 4)**

Open to juniors or seniors with permission of instructor. May not be substituted for course requirements in major. Exploratory work on a suitable agricultural problem in animal science, plant science, or agricultural mechanics.

**Ag 182. Soil Management (3)**

Prerequisite: Ag 136 or equivalent, Chem 2A-B. Factors affecting soil fertility, management of soils, attaining continuous maximum productivity. Physical, chemical and field tests on soil fertility, crop and livestock soil management. (2 lecture, 3 lab hours; one week-end field trip)

**Ag 184. Advanced Irrigation (3)**

Prerequisite: Ag 146 or equivalent. Evaluation of the equipment design, operation, soil and crop response of methods of irrigation, sprinkler methods; pipe line and other methods featuring water control, soil and water conservation. (2 lecture, 3 lab hours; one week-end field trip)

**Ag 186. Methods of Teaching General Agriculture (3)**

Prerequisite: A Ed 105; S Ed 163 or permission of instructor. Philosophy and teaching techniques in general agriculture; organization of teaching materials; professional standards for teachers.

**Ag 190. Independent Study (1-3; max see reference)**

See *Regulations and Procedures—Independent Study*.

**GRADUATE COURSES**

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

**Ag 280. Seminar in Agriculture (3; max see below)**

Maximum total credit 9 units in any given area or any combination of the three areas. Prerequisite: bachelor's degree in agriculture or permission of instructor. Advanced problems in agriculture; research and experimentation in a selected area: animal science, plant science, or agricultural mechanics.

**Ag 290. Independent Study (1-3; max see reference)**

See *Regulations and Procedures—Independent Study*.