

## COURSES

*Note: Active immunization against tetanus (available through the Student Health Service) is a prerequisite for registration in any laboratory course in agriculture and for any student employment on the University Farm.*

**AGRICULTURE (Agri)****10. Dimensions in Agriculture (1)**

Survey of current social and economic developments and employment opportunities in modern agriculture and related agribusiness areas. Individual career planning.

**27. Agribusiness Mathematics (3)**

Not open to students with credit in B A 21 or Q M 21A-B or Math 29, or equivalent. Fundamental operations, percentage and interest, bank account reconciliation, equations, ratio and proportion, averages, areas and volumes, square root, measurement systems; applications to milk mixtures, fields, rations, tanks, silos, soils, lumber, concrete, personal buying and loans.

**80. Undergraduate Research (1-4; max total 4)**

Open to freshmen and sophomores with permission of instructor. Exploratory work on a suitable agricultural problem in agricultural education, agricultural mechanics, dairy industry, enology, or food science.

**100. Applied Statistics (3) (Former Plant 170T section)**

Application of experimental methods and statistical procedures in agricultural research. Emphasis on use of standard design and analysis techniques as used in plant and animal science. (2 lecture, 3 lab hours)

**150. Resource Material (2) (Former A Sci 160T section)**

Prerequisite: junior standing. Development and application of techniques for obtaining and using resource material including government documents, university and experiment station reports; educational material and services available from governmental agencies, allied industries and professional organizations. Emphasis on material for agriculture and allied fields.

**160T. Topics in Agriculture (1-4; max total 6 per discipline if no topic repeated)**

Prerequisite: junior standing, permission of instructor. Agricultural education, mechanized agriculture, food science, dairy industry, enology.

**161. International Agriculture (3)**

Prerequisite: junior or senior standing or permission of instructor. Social, economic and technological aspects of agricultural production and distribution in developing countries.

**170. Seminar in Foreign Agriculture (3)**

Prerequisite: Ag Ec 31, Agri 161 or permission of instructor. Written and oral presentation of researched topics on recent developments in foreign agriculture.

**180. Undergraduate Research (1-4; max total 4)**

Open to juniors or seniors with permission of instructor. Exploratory work on a suitable agricultural problem in agricultural education, agricultural mechanics, dairy industry, enology, or food science.

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

See *General Information*—Independent Study.

**200 series.** Graduate courses are listed under *Agriculture* following *Plant Science Department*.

**AGRICULTURAL EDUCATION (Ag Ed)****135. Introduction to Agricultural Education (3)**

Survey of agricultural education; vocational surveys; occupational analysis; relationship of agriculture to occupational opportunities; qualifications for teaching agriculture. Includes field trips to high school vocational agriculture departments.