

**Dairy Science (Dairy Industry Option)**

*Units*

DI 53, 103, 113, 123, 133, 143, 153, 163, 173; Ag 1; AgM electives (4 un)..... 32

*Additional Requirements:* AnSc 12; Chem 2A-B, 8; Biol 1A-B; Econ 1A; Bus Ad 110; Acct 1A; Math 29 or equivalent; Mcrb 20.

**Agribusiness Major with emphasis in Dairy Industry** (See *Animal Science Department*).

**Option in Food Science**

FS 1, 110, 120A-B, 130, 140A-B, 170, 191; elect 12 units from applicable courses in dairy processing, enology and viticulture, fruit and vegetable production, meat and food technology, or human nutrition; Ag 31..... 40

*Additional Requirements:* Biol 1A, 1B, or 2A; Chem 2A-B, 8, 104, 105, 109, 150; HEc 40, Math 29, 40, 51; Mcrb 20; Phys 2A-B.

**General Agriculture (Agricultural Education)**

A major in general agriculture consists of a minimum of 47 units (18 units upper division) including 15 units in animal science (animal husbandry, dairy husbandry and/or poultry husbandry), 15 units in plant science (agronomy, ornamental horticulture, pomology, and/or viticulture), 10 units in agricultural mechanics, and Ag 1, 31, 151. Selection of courses by consultation with the student's adviser ..... 47

*Additional Requirements:* PlSc 30, 171; Biol 1A or 1B, 120; Bot 1 or Zool 1; Chem 2A-B, 8; Econ 1A; Math 29 or equivalent.

**Viticulture and Enology (Enology Option)**

Enol 15, 115, 165, 175; FS 1, 130, 170; AgM 158A-B..... 29

*Additional Requirements:* Mcrb 20 or 104; Acct 1A-B; Bus Ad 110; Chem 2A-B, 8, 104, 105, 109; Econ 1A-B; Biol 1A; Math 29; Phys 2A-B; PlSc 17, 117, 127.

**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 College Farm.*

**AGRICULTURE (Ag)**

**1. Agricultural Orientation (1)**

Agriculture and its related agencies; job opportunities.

**27. Agribusiness Mathematics (3)**

Not open to students with credit in Bus Ad 21 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.

**31. Agricultural Economics (3)**

*Prerequisite:* Econ 1A. Farm credit, taxation, marketing and commodity problems; government agencies and farm price structures.

**40. Project Records (1)**

For students planning to sign up for a project; may be taken concurrently. Organization of the Agricultural Foundation; budgets, contracts, and records needed to conduct an agricultural project under college supervision. (See *Supervised Projects* in the Animal and Plant Science Departments.)