

**DAIRY HUSBANDRY (A Sci)**

**12. Dairying (3)**

Selection, breeding, feeding, and management of dairy cattle; basic principles and practices involved in processing, marketing milk and its products.

**12L. Dairying Laboratory (1)**

Prerequisites: A Sci 12 (or concurrently). Laboratory in the area of dairy cattle fitting, breeding, production management, selection and other areas supporting A Sci 12. (2 lab hours)

**112. Dairy Farm Management (4)**

Prerequisite: A Sci 12. Planning the development and operation of a complete modern dairy production unit, including all costs and managerial responsibilities required for a successful operation. (3 lecture, 2 lab hours)

**122. Dairy Cattle Evaluation (3)**

Prerequisite: A Sci 112. Production records, pedigrees, and classification records in their application to evaluating the functional ability of dairy cattle. (2 lecture, 2 lab hours; field trips)

**152. Artificial Insemination (2)**

Prerequisite: A Sci 155 (or concurrently). Basic principles of artificial insemination in all species of domesticated animals including beef, dairy cattle, horses, sheep and swine; semen collection, processing, evaluation and use. (1 lecture, 2 lab hours)