

# Agriculture & Horticulture

## AG 121 Introductory Animal Science (4 credit, 3 lecture, 2 lab)

IAI AG 902

The application of the sciences of genetics, physiology and nutrition to the improvement of the animal industries and an introduction to management and production practices. Includes animal breeds, breeding and selection; anatomy, physiology, nutrition, growth; environment, health and sanitation; products and marketing; production technology and economics; animal behavior; and current issues in animal science.

## AG 221 Introductory Crop Science (4 credit, 3 lecture, 2 lab)

IAI AG 903

The basic principles of plant growth, including human and environmental influences and theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food, feed, and fiber; origin, classification, and geographical distribution of field crops; environmental factors and agronomic problems; crop plant breeding, growth, development, and physiology; cropping systems and practices; seedbed preparation, tillage, and crop establishment; pests and controls; and harvesting, storing, and marketing practices.

## AG 222 Introductory Soils (4 credit, 3 lecture, 2 lab)

IAI AG 904

An introduction to the chemical, physical and biological properties of soils; the origin, classification, and distribution of soils and their influence on people and food production; the management and conservation of soils; and the environment impact of soil use. **Pre-Requisite:** One year of high school chemistry or the concurrent enrollment in CHEM 123 Basic Inorganic/Organic Chemistry.

## HORT 121 Introduction to Horticulture (3 credit, 3 lecture, 0 lab)

IAI AG 905

An introduction to the principles and practices involved in the development, production and use of horticultural crops (fruit, vegetables, greenhouse, turf, nursery, floral and landscape).