

VEGETABLE CROPS (PISc)**14. Vegetable Crops (3) (Former CP 12)**

Culture of vegetable crops for market and home; importance, varieties, cultivation, harvesting, storing, and marketing; vegetable diseases and insect pests; vegetables grown commercially in the San Joaquin Valley. (2 lecture, 3 lab hours; 2 Saturday field trips)

34. Vegetable Field Crops (3) (Former CP 56)

Prerequisite: PISc 14. Methods of production, harvesting, grading, storing, and processing vegetable crops common to the San Joaquin Valley; potatoes, tomatoes, sweet potatoes, carrots, melons, and lettuce. (2 lecture, 3 lab hours; 3-day field trip)

174. Physiology of Vegetable Crops (3)

Prerequisite: PISc 14, Bot 104. Principles of plant physiology related to factors associated with maturity, quality, pest resistance, development of new varieties, and production of vegetables. (2 lecture, 3 lab hours)

ORNAMENTAL HORTICULTURE (PISc)**15. Principles of Landscape Gardening (3) (Former OH 22)**

Planting and maintenance of the garden; selection, planting, fertilization, irrigation, pruning, disease and insect control, weed control; lawn planting and care; the home vegetable and fruit garden, house and patio plants. (2 lecture, 3 lab hours)

25. Plant Identification (3) (Former OH 33)

Identification, habits of growth, culture and landscape use of trees, shrubs, vines, annuals, herbaceous perennials including tropicals, subtropicals, conservatory and house plants. (2 lecture, 3 lab hours)

35. Principles of Nursery Operation (3) (Former OH 53)

Prerequisite: PISc 20. Nursery structures; practice in production of ornamental, fruit, nut, annual, perennial, bedding, vegetable, and pot plants; retail and wholesale nursery practices. (2 lecture, 3 lab hours)

115. Production of Ornamental Plants (3) (Former OH 123)

Prerequisite: PISc 35, Bot 1. Production of ornamental trees, shrubs, vines and groundcovers by budding, grafting, bare rooting, and layerage; growth habits, landscape use, identification, cultural requirements. (2 lecture, 3 lab hours)

125. Ornamental Trees (3) (Former OH 125)

Prerequisite: Bot 1, PISc 20. Trees grown in California for landscaping, shade and ornamentation; identification, habits of growth, cultural requirements, landscape use. (2 lecture, 3 lab hours)

165. Turfgrass Production and Management (3) (Former OH 132)

Production and maintenance of grass for lawns, public parks, public institutions, playgrounds, playing fields, golf courses, bowling greens; identification of turfgrasses and turfgrass seed. (2 lecture, 3 lab hours)

175. Nursery Management (3) (Former OH 162)

Prerequisite: PISc 15, 25, 115. Design, construction and utilization of nursery structures; control of temperatures and lighting; business organization. (2 lecture, 3 lab hours)