

H 12. Fruit Production (3)

Prerequisite: permission of instructor. Production of fruits and nuts in the San Joaquin Valley; spring orchard practices, laying out, planting and planning orchards on the college farm. (2 lecture, 3 lab hours; 2 Saturday field trips)

H 52. Citrus Production (3)

Survey of citrus industry; cultural operations including management practices in budding, planting, grafting, fertilizing, irrigating, controlling diseases, pruning, spraying, and harvesting the crop. (2 lecture, 3 lab hours; one Saturday field trip)

H 55. Subtropical Horticulture (3)

Prerequisite: H 11. Problems in production of citrus fruits, figs, olives, avocados, pomegranates, and persimmons. (2 lecture, 3 lab hours)

H 57. Fruit Varieties (3)

Prerequisite: H 12 or permission of instructor. Characteristic differences of fruit species; varieties produced in the San Joaquin Valley. (2 lecture, 3 lab hours)

H 58. Small Fruit Culture (3)

Cultural practices in production of strawberries and small fruits; berry culture management practices, pruning, planting; insect pest and disease control; practical experience in harvesting, grading, and marketing berries. (2 lecture, 3 lab hours)

H 112. Marketing Fresh Fruit (3) Summer only

Prerequisite: H 11, 12. Practice in harvesting, grading, sorting, and packing fruit; operation of packing house, selection and use of equipment; inspection and marketing of packed fruit. (3-day field trip)

H 181. Fruit Processing (3)

Prerequisite: H 11. Grading of fruits and nuts, packaging, drying, and quick freezing; improvement of produce, laws in maintaining fruit standards. (2 lecture, 3 lab hours)

H 186. Orchard Management (3)

Prerequisite: H 57, 112 or permission of instructor. Principles and practices of orchard management; appraisal; farm contracts and leases. (2 lecture, 3 lab hours)

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

See *Regulations and Procedures—Independent Study*.

ORNAMENTAL HORTICULTURE**OH 3. Fundamentals of Plant Propagation (3)**

Principles of sexual and asexual propagation; seed identification, seedage, cuttage, specialized plant structures for propagation; propagation media, rooting aids, propagation structures. (2 lecture, 3 lab hours)

OH 22. Principles of Landscape Gardening (3)

Planting and maintenance of the garden; selection, planting, fertilization, irrigation, pruning of plant material; 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)

OH 33. Plant Identification and Materials (3)

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)