

Horticulture (HORT)

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100. Consumer Horticulture. Credit 3 hours. Care and culture of indoor and outdoor plants, including their use in the home landscape. One hour of lecture and four hours of laboratory per week.

115. Basic Floral Design. Credit 3 hours. Basic elements and design principles of contemporary flower arranging with domestic and commercial applications. Students will be responsible for cost of supplies, the amount of which will depend upon the number of creations and price level. One hour of lecture and four hours of laboratory per week. Laboratory fee: \$25.00.

232. General Horticulture. Credit 3 hours. Prerequisite: GBIO 151/BIOL 152. Plant propagation, plant growing, vegetable and fruit culture. Two hours of lecture and two hours of laboratory per week.

261. Landscape Design. Credit 3 hours. An introduction to theory and practices in design of landscape with consideration given to plant materials, site evaluation, and human needs. Two hours of lecture and two hours of laboratory per week.

301. Introductory Soils. Credit 4 hours. Prerequisite: Chemistry 102-104. Formation, chemical properties, physical properties, classification, and conservation of soils. Three hours of lecture and two hours of laboratory per week.

328. Plant Propagation. Credit 3 hours. Prerequisite: Horticulture 232. A study of the asexual and sexual processes in the propagation of herbaceous and woody plants. Two hours of lecture and two hours of laboratory per week.

363. Integrated Pest Management. Credit 4 hours. Prerequisite: Horticulture 232, Zoology 309, Chemistry 102-104. The use of chemical, biological, and cultural methods to control pests of agricultural production. Two hours of lecture and four hours of laboratory per week.

427. Foliage Plants and Greenhouse Management. Credit 3 hours. Prerequisite: Horticulture 232. Managing commercial and home greenhouses, identification and study of foliage plants. Two hours of lecture and two hours of laboratory per week.

450. Floriculture. Credit 3 hours. Prerequisite: Horticulture 232. Commercial production and marketing of major cut flower crops and flowering pot plants under cover and/or in the open. Two hours of lecture and two hours of laboratory per week.

451. Plant Breeding. Credit 3 hours. Principles of breeding crop plants with application of genetic data.

452. Commercial Fruit and Nut Production. Credit 3 hours. Prerequisite: Horticulture 232. A study of the various cultural practices and principles of fruit and nut growing and handling.

453. Vegetable Crops. Credit 3 hours. Prerequisite: Horticulture 232. A study of various cultural practices and principles of vegetable growing and handling.

461. Woody Ornamental and Nursery Management. Credit 3 hours. Prerequisite: Horticulture 232 and Zoology 309. Management of turf grasses on lawns, golf courses, parks, highways, and athletic fields with emphasis on establishment and maintenance. Two hours of lecture and two hours of laboratory per week.

492. Design and Analysis of Experiments. Credit 3 hours. Prerequisite: Senior standing. Design and experiments common to agricultural research with analysis and interpretation of data. Two hours of lecture and two hours of laboratory per week.

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