

## HORTICULTURE (HORT)

**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. (As Needed)

**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. (As Needed)

**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. (As Needed)

**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. (As Needed)

**301. Introductory Soils.** Credit 4 hours. Prerequisite: Chemistry 122/124. Formation, chemical properties, physical properties, classification, and conservation of soils. Three hours of lecture and two hours of laboratory per week. (As Needed)

**305. Advanced Floral Design.** Credit 3 hours. Prerequisite: HORT 115 or permission of Department Head. A continuation of the basic floral design course involving more detailed floral arrangements, including centerpieces, corsages, bouquets, and sympathy tributes. One hour of lecture and four hours of laboratory. (As Needed)

**315. Plant Materials I.** Credit 3 hrs. Prerequisite: GBIO 151 and 153 and Junior Standing, or permission of Department Head. Characteristics, identification, and landscape uses of ornamental trees, shrubs, vines, groundcovers, and flowers adapted to Southern conditions. Two hours of lecture and two hours of laboratory per week. (As Needed)

**320. Plant Materials II.** Credit 4 hours. Prerequisite: HORT 315 or permission of the Department Head. A continuation of Plant Materials I, to include characteristics, identification, and landscape uses of ornamental trees, shrubs, vines, groundcovers and flowers adapted to Southern conditions. Three hours of lecture and two hours of laboratory per week. (As Needed)

**328. Plant Propagation.** Prerequisite: GBIO 151 and GBIO 153, and Junior Standing, or permission of the Department Head. 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. (As Needed)

**361. Advanced Landscape Design.** Credit 3 hrs. Prerequisite: HORT 261. Landscape design with more detailed studies of plant design and techniques on both residential and commercial properties. Two hours of lecture and two hours of laboratory per week. (As Needed)

**365. Landscape Management and Practices.** Credit 3 hours. Prerequisites: HORT 232 or permission of the Department Head. The study of maintenance and management practices of landscape services, including residential, commercial and special uses landscapes. Two hours of lecture and two hours of laboratory per week. (As Needed)

**409. Internship.** Credit 1-3 hours. Prerequisites: Junior/Senior standing and permission of the Department Head. This course is designed to give the students practical experience working with professionals in the Horticulture field. The student is responsible for finding a sponsoring professor and a professional with whom to work. Students earn one credit for 3 hours internship per week averaged over the term, up to a maximum of 3 credits for 9 averaged hours per week. Means of evaluation is determined by the sponsoring professor and the professional. Maximum of three credits can be used for degree requirements. (As Needed)

**410. Fruit, Nut, and Vegetable Production.** Credit 3 hours. Principles and practices in the production and marketing of fruit, nut and vegetable crops. Three hours of lecture per week. (As Needed)

**412. Turf Management.** Credit 3 hours. Prerequisite: GBIO 151 and GBIO 153, and Junior Standing, or permission of the Department Head. Establishment and management of turf of residential and commercial sites; includes weeds, insects, disease identification and control. Three hours of lecture per week. (As Needed)

**420. Greenhouse and Nursery Management.** Credit 3 hours. Prerequisite: HORT 232 or permission of the Department Head. The study of greenhouse and nursery structures, equipment, techniques and management skills. Three hours lecture per week. (As Needed)

**424. Arboriculture.** Credit 3 hours. GBIO 151 and GBIO 153 and Junior Standing, or permission of Department Head. Care of ornamental trees in the urban environment including pruning, bracing, transplanting, and fertilization. Three hours of lecture per week. (As Needed)

**425. Irrigation and Drainage.** Credit 3 hours. Prerequisites: HORT 232 or permission of the Department Head. The study of irrigation and drainage systems as they relate to crops and landscape installations. Three hours of lecture per week. (As Needed)

**426. Coastal Plant Production.** Credit 3 hours. GBIO 151 and GBIO 153 and Junior Standing, or permission of Department Head. The production, propagation and care of wetland plants for the purpose of coastal wetland restoration. Two hours of lecture and two hours of lab. (As Needed)

**428. Organic Gardening.** Credit 3 hours. GBIO 151 and GBIO 153 and Junior Standing, or permission of Department Head. Principles, production practices, maintenance, harvesting and marketing of organically and traditionally homegrown vegetables. Three hours of lecture per week. (As Needed)

**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. (As Needed)

**455. Interior Plants.** Credit 3 hours. Prerequisites: HORT 232 or permission of the Department Head. Basic principles, practices, maintenance and design with foliage plants and flowers in interior commercial settings. Three hours of lecture per week. (As Needed)

**490. Survey of the Horticulture Industry.** Credit 4 hours. Prerequisite: Permission of Department Head. A basic orientation and Introduction to the horticulture industry. Emphasis on industrial contacts, Career decisions and opportunities. Eight hours of laboratory per week. (Summer)

**495. Seminar. Credit 1 hour.** Prerequisite: Senior standing or permission of the Department Head. A review of important concepts and current events in horticulture. Student must pass the Louisiana Horticulture Commission Horticulture Service examination to complete the course and graduation requirements. One hour of lecture per week. (As Needed)

**498. Horticulture Research Problems.** Variable Credit 1, 2, 3, or 4 hours. Prerequisite: Junior standing or permission of the Department Head. May be repeated for a maximum of four hours credit. Additional hours will not be counted towards a student's major or in the cumulative grade point average. (As Needed)