HORTICULTURE (HORT)

HORT 1300 INTRODUCTION TO HORTICULTURAL SCIENCES (3 credits)
An introductory course in horticulture that offers a hands-on perspective to science. Students will discuss the scientific factors affecting the growth of vegetables, bedding plants, cut flowers, and woody plants in greenhouse, laboratory, and landscape settings.

Distribution: Natural/Physical Sci General Education lecture

HORT 1310 INTRODUCTION TO HORTICULTURAL SCIENCES LABORATORY (1 credit)
A laboratory designed to enhance basic scientific method skills as applied to propagation of plants using a variety of techniques from seeding and grafting to cloning.

Prerequisite(s)/Corequisite(s): HORT 1300, prior or concurrent. Lab fee $25.

Distribution: Natural/Physical Sci General Education lab course

HORT 2210 PLANT PROPAGATION (3 credits)
Principles and practices involved in sexual and asexual propagation of horticultural plants. Laboratory exercises will provide practical applications of physiological principles (and an understanding of structures of the different methods of propagating plants). Lab fee $35.

HORT 2610 FLORAL DESIGN (3 credits)
Exposes students to the principles of floral design and retail florist shop management, while offering practical experience in all aspects of flower arranging. Includes the making of corsages and nosegays; home and novelty arrangements; seasonal, sympathy and wedding flowers. Lab fee $50

Prerequisite(s)/Corequisite(s): Lab fee $50.

HORT 2620 FLORAL DESIGN II (3 credits)
Exposes students to advanced styles of floral design, foliage plant care and retail shop layout, as well as practical business knowledge in managing a small business. Topics include personnel, advertising, sales and floral marketing. Lab fee $50.

Prerequisite(s)/Corequisite(s): HORT 2610 or permission. Lab fee $50.

HORT 3950 CAREER EXPERIENCE (1-5 credits)
The course documents and structures an internship in a horticulture enterprise. A signed college contract form must be completed prior to enrolling for the course, and both written and oral reports are required at the completion of the career experience.

Prerequisite(s)/Corequisite(s): Sophomore standing; advance approval from instructor.

HORT 3960 CURRENT PROJECTS AND TOPICS IN HORTICULTURE (1-5 credits)
Independent or group projects, readings, or research focusing on current aspects of horticulture. A completed and approved study plan contract is required prior to enrolling for the course.

Prerequisite(s)/Corequisite(s): Sophomore standing; 12 hours in subject areas dealing with plant sciences; and permission.

HORT 3990 INDEPENDENT STUDY (3-5 credits)
Individual or group projects in research, literature review, or extension of course work under supervision and evaluation of a departmental faculty member. Oral and written reports are mandatory at the completion of this project.

Prerequisite(s)/Corequisite(s): 12 hours plant science, permission, and advance approval of plan of work. Junior standing or above.

HORT 4880 BUSINESS MANAGEMENT FOR HORTICULTURE ENTERPRISES (3 credits)
HORT 4880 requires completion of a shadowing assignment and the analysis of case studies. Research a specific horticultural enterprise. Develop and present a business plan using materials from the primary area of interest.