

HORTICULTURE (HORT)

HORT 209 Floral Design 3 Hours

Principles and elements of floral design; the use of floral materials, design techniques, and elements including line, form, texture, and color; emphasis on the history and use of floral art in business and society.

Recent Term(s) Offered: spring 2022; fall 2022; spring 2023; fall 2023; spring 2024; fall 2024

HORT 301 Introduction to Landscape Plants 2 Hours

Identification, recognition and use of deciduous trees, shrubs and herbaceous plants in the landscape. Introduction to evergreen shrubs and trees as well as fall flowering bulbs and perennials are included.

Prerequisite(s): AGRO 110 (may be taken concurrently)

Corequisite(s): HORT 302

Recent Term(s) Offered: fall 2022; fall 2023

HORT 302 Introduction to Landscape Plants Laboratory 1 Hour

A laboratory course correlated with HORT 301.

Corequisite(s): HORT 301

Recent Term(s) Offered: fall 2022; fall 2023

HORT 304 Landscape Maintenance 2 Hours

Maintenance of landscape plants including trees, shrubs, annuals, perennials, and turf; proper use of equipment, fertilizers, and pesticides. Landscape maintenance business practices are included.

Prerequisite(s): AGRO 110 (may be taken concurrently)

Corequisite(s): HORT 305

Recent Term(s) Offered: None

HORT 305 Landscape Maintenance Laboratory 1 Hour

A laboratory course correlated with HORT 304.

Corequisite(s): HORT 304

Recent Term(s) Offered: None

HORT 309 Advanced Floral Design 3 Hours

Advanced principles of floral design as applied to a commercial floral shop enterprise. Production cost and profit analysis, selling techniques, and customer relations are considered concurrently with design.

Prerequisite(s): HORT 209

Recent Term(s) Offered: spring 2022; fall 2022; spring 2023; fall 2023; spring 2024; fall 2024

HORT 312 Introduction to Horticulture 3 Hours

Emphasis is given to principles of growth, development and management of major horticulture plants. Special consideration is given to major horticultural crops of Kentucky.

Prerequisite(s): AGRO 110 (may be taken concurrently)

Recent Term(s) Offered: spring 2022; spring 2023; spring 2024

HORT 313 Turfgrass Management 3 Hours

A study of turfgrass, including adaption, identification, uses and fundamental principles essential for establishing and maintaining quality turf in lawns and recreation areas. Note: Permission of instructor may be required.

Prerequisite(s): AGRO 110

Recent Term(s) Offered: fall 2022; fall 2024

HORT 316 Greenhouse Maintenance and Operation 2 Hours

Structures, equipment, and maintenance of greenhouse facilities and an introduction to basic techniques for growing floriculture crops.

Corequisite(s): HORT 317

Recent Term(s) Offered: fall 2022; fall 2023; fall 2024

HORT 317 Greenhouse Maintenance and Operation Laboratory 1 Hour

A laboratory course correlated with HORT 316.

Corequisite(s): HORT 316

Recent Term(s) Offered: fall 2022; fall 2023; fall 2024

HORT 330 Wedding Floral Design 3 Hours

Principles and elements of floral design as applied to wedding planning and design. Includes production cost and profit analysis and marketing techniques.

Prerequisite(s): HORT 209

Recent Term(s) Offered: fall 2022; fall 2023; fall 2024

HORT 340 Greenhouse Crop Production 3 Hours

Commercial greenhouse production of floriculture crops, focusing on the production of bedding plants, potted flowering plants, foliage plants and other non-floriculture crops including but not limited to hemp and tobacco transplants.

Prerequisite(s): HORT 316 and HORT 317

Recent Term(s) Offered: spring 2022; spring 2023; spring 2024

HORT 403 Landscape Design and Construction 2 Hours

Design of residential and commercial landscapes; techniques and materials for construction of landscape features such as decks, patio covers, walls, patios, pools, and irrigation are presented. Note: Permission of instructor may be required.

Prerequisite(s): HORT 402

Corequisite(s): HORT 404

Recent Term(s) Offered: None

HORT 404 Landscape Design and Construction Laboratory 1 Hour

A laboratory course correlated with HORT 403.

Corequisite(s): HORT 403

Recent Term(s) Offered: None

HORT 407 Plant Propagation 2 Hours

Plant propagation is studied and practiced as an art and a science. Sexual and asexual techniques include propagation by seed, cuttings, grafting, layering, division and tissue culture.

Prerequisite(s): AGRO 110 (may be taken concurrently)

Corequisite(s): HORT 408

Recent Term(s) Offered: spring 2022; spring 2023; spring 2024

HORT 408 Plant Propagation Laboratory 1 Hour

A laboratory course correlated with HORT 407.

Corequisite(s): HORT 407

Recent Term(s) Offered: spring 2022; spring 2023; spring 2024

HORT 419 Fruit, Vegetable, and Vineyard Production 3 Hours

Production of fruit, vegetables, and grapes (wine and table) that are particularly suited for Kentucky, considering variety selection, management, harvesting, processing, and marketing. Note: Permission of instructor may be required.

Prerequisite(s): AGRO 110 (may be taken concurrently)

Recent Term(s) Offered: spring 2022; spring 2024

HORT 420 Floral Shop Management 3 Hours

Principles of floral shop management, including sourcing, purchasing, distributing, marketing and selling floricultural products. Note:

Permission of instructor required.

Restriction(s): Enrollment is limited to students in Floristry (1769) or

Recent Term(s) Offered: spring 2023; spring 2024

HORT 475 Selected Topics in Agriculture 1-3 Hours

Special topics acquaint advanced undergraduate students with scientific developments of current interest in agriculture. Appropriate topic titles are assigned. Lecture and assignments vary with credit. May be repeated with change in content. Note: Consent of instructor required.

Recent Term(s) Offered: fall 2024