

## COURSE DESCRIPTIONS BY COURSE DISCIPLINE PREFIX

### HOR HORTICULTURE

HOR-112      Landscape Design I      3 (2-3)      Fall  
Prerequisites:    HOR-160<sup>L</sup>; MAT-110<sup>L</sup>, MAT-121<sup>L</sup>, MAT-143<sup>L</sup>, MAT-152<sup>L</sup>, or MAT-171<sup>L</sup>  
Corequisites:    None

This course covers landscape principles and practices for residential and commercial sites. Emphasis is placed on drafting, site analysis, and common elements of good design, plant material selection, and proper plant utilization (encouraged use of native plants and discouraged use of invasive species). Upon completion, students should be able to read plans and draft a landscape design according to sustainable practices.(2013 FA)

HOR-114      Landscape Construction      3 (2-2)      Spring  
Prerequisites:    MAT-110<sup>L</sup>, MAT-121<sup>L</sup>, MAT-143<sup>L</sup>, MAT-152<sup>L</sup>, or MAT-171<sup>L</sup>  
Corequisites:    None

This course introduces the design and fabrication of landscape structures/features. Emphasis is placed on safety, tool identification and use, material selection, construction techniques, and fabrication. Upon completion, students should be able to design and construct common landscape structures/features.(1997 SU)

HOR-134      Greenhouse Operations      3 (2-2)      Spring  
Prerequisites:    None  
Corequisites:    None

This course covers the principles and procedures involved in the operation and maintenance of greenhouse facilities. Emphasis is placed on the operation of greenhouse systems, including the environmental control, record keeping, scheduling, and production practices. Upon completion, students should be able to demonstrate the ability to operate greenhouse systems and facilities to produce greenhouse crops.(1997 SU)

HOR-142      Fruit & Vegetable Prod      2 (1-2)      Summer  
Prerequisites:    None  
Corequisites:    None

This course introduces the principles and techniques of growing fruits and field-grown vegetables. Topics include site selection, proper varietal selection, nutritional values, cultural techniques, harvesting and marketing, and insect and disease control. Upon completion, students should be able to demonstrate an understanding of the principles related to the production of selected fruits and vegetables.(1997 SU)

HOR-160      Plant Materials I      3 (2-2)      Fall  
Prerequisites:    None  
Corequisites:    None

This course covers identification, culture, characteristics, and use of plants in a sustainable landscape. Emphasis is placed on nomenclature, identification, growth requirements, cultural requirements, soil preferences, and landscape applications. Upon completion, students should be able to demonstrate knowledge of the proper selection and utilization of plant materials, including natives and invasive plants.(2013 FA)

HOR-161      Plant Materials II      3 (2-2)      Spring

Prerequisites:    HOR-160<sup>L</sup>

Corequisites:    None

This course provides a supplementary opportunity to cover identification, culture, characteristics, and use of plants in a sustainable landscape, giving students a broader knowledge of available landscape plants for utilization in landscapes and plant production. Emphasis is placed on nomenclature, identification, growth

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 COURSE DESCRIPTIONS
 

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HOR-145<sup>L</sup> b9H00 Landscape Irrigation 3 (2-2) Spring

Prerequisites: HOR-160<sup>L</sup>, LSG-111<sup>L</sup>, TRF-110<sup>L</sup>; MAT-110<sup>L</sup>, MAT-121<sup>L</sup>, MAT-143<sup>L</sup>,  
MAT-152<sup>L</sup> or MAT-171<sup>L</sup>

Corequisites: None

This course introduces basic irrigation design, layout, and installation. Topics include site analysis, components of irrigation systems, safety, types of irrigation systems, and installation techniques. UU-171