Landscape Design, Construction and Management Concentration Program of Study

The Landscape Design, Construction and Management Concentration in the Department of Horticulture prepares students for careers in the landscape and nursery industries, public gardens and arboreta. Opportunities include plant production, landscape design, construction and maintenance, marketing, management and communications.

**University Requirements:**

- Writing Tier I: Writing, Rhetoric & American Cultures
  - Tier II Writing Course (HRT 404)
- Integrative Studies in Social Science
  - (ISS 2XX & ISS 3XX)
- Integrative Studies in Arts & Humanities
  - (IAH 'A', 201-210, & IAH 'B', 211- higher)
- Integrative Studies in Biological & Physical Sciences
  - (Alternate Track)
  - CEM 141 (4) General Chemistry
  - CEM 161 (1) Chemistry Laboratory
  - CEM 143 (4) Organic Chemistry
  - PLB 105 (3) Plant Biology
  - PLB 106 (1) Plant Biology Laboratory

**CANR Requirements:**

- College Algebra & Trigonometry
  - (MTH 116, or MTH 103 + MTH 114)
- Micro or Macro Economics (EC 201 or 202)

**Dept. Requirements for all majors:**

- (21 credits)
  - CSS 210 (3) Introduction to Soil & Landscape Science
  - HRT 203 (3) Principles of Horticulture I
  - HRT 204 (2) Plant Propagation
  - HRT 205 (1) Plant Mineral Nutrition
  - HRT 206 (1) Pruning Techniques
  - HRT 207 (1) Horticulture Career Development
  - HRT 361 (3) Applied Plant Physiology
  - HRT 362 (1) Applied Crop Improvement
  - HRT 404 (3) Horticulture Management (Tier II Writing)
  - HRT 493 (3) Internship

**Requirements for all students in this concentration:** 37 Credits

**All of the following (22 credits)**

- HRT 211 (3) Landscape Plants I
- HRT 212 (3) Landscape Plants II
- HRT 218 (3) Irrigation Systems for Horticulture
- HRT 311 (4) Landscape Design and Management Specifications
- HRT 411 (3) Landscape Contract Management
- PLP 407 (4) Diseases and Insects of Trees
- CSS 202 (2) The World of Turf

**Plus 15 credits from:**

- HRT 213 (2) Landscape Maintenance
- HRT 213L (1) Landscape Maintenance Field Lab
- HRT 214 (2) Landscape and Turfgrass Business Operations
- HRT 219 (2) Landscape CAD
- HRT 220 (3) Annual and Aquatic Landscape Plants
- HRT 310 (3) Nursery Management
- HRT 323 (3) Floriculture Production
- HRT 401 (3) Advanced Horticultural Crop Physiology
- HRT 407 (3) Horticulture Marketing
- HRT 415 (3) Natural Landscapes, Native Plants and Landscape Restoration
- HRT 460 (1) Green Roofs and Walls
- LA 140 (4) Graphics and 2-D Studio
- LA 230 (4) Site Construction: Materials and Methods
- CSS 288 (3) Weed Science