



URBAN HORTICULTURE & LANDSCAPE MANAGEMENT

Urban Horticulture & Landscape Management Certification

Landscape, operate greenhouses, and manage a horticultural business using skills in propagation, hydroponics, and plant identification

The Urban horticulture program hosts 6 greenhouses and a living library of plants for our students to study everything from tropical plants to aboriculture to nursery propagation. The curriculum includes on site experience through the Pickens greenhouses and hosted plant sales. The urban horticulture program will help students learn a variety of skills used in the industry, including the following:

- Manage greenhouse production
- Operate grounds maintenance equipment
- Irrigate lawns, trees, and plants
- Trim trees or other vegetation
- Implement basics of landscape design

Suggested educational levels:

- English literacy (reading, writing, speaking, and listening)
- Understanding of basic algebra

Suggested physical abilities:

- Capable of lifting 30 pounds
- Capable of sustained activity for 5 hours at a time

Class Hours:

- Morning: 7:50am - 10:40am Mon.- Fri.
- Afternoon: 12:05pm - 2:55pm Mon.- Fri.
- Program is 2 semesters in length, with start dates in Fall.

Tuition and Credit Hour Calculation

Semester 1

\$1,820.00	<i>(Tuition)</i>
+ \$190.00	<i>(Credit Hour Fee)</i>
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\$2,010.00	

Semester 2

\$1,690.00	<i>(Tuition)</i>
+ \$180.00	<i>(Credit Hour Fee)</i>
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\$1,870.00	

Based on Colorado Resident In-State Tuition

Estimated Program Costs *(to be paid at Picken's payment office)*

Tuition and Credit Hour Fees:

Semester 1: \$2,010.00

Semester 2: \$1,870.00

Required On Campus Costs:

Program Charges: \$500.00 (each semester)

Student ID: \$10.00 (each year)

CTSO Charge: \$20.00 (each year)

Estimated Total:

Urban Horticulture & Landscape Management Certificate:

\$4,910.00 (+tax)

Additional Relevant Costs *(estimated)*

Optional Costs:

Landscape Management Certification Exam: \$45.00

Credits:
27

Length:
1 year

Cost:
\$4,910



Cost and information revised **November 2022**
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URBAN HORTICULTURE & LANDSCAPE MANAGEMENT

Courses required for this certificate:

HLT 1101 Introduction to Horticulture

Introduces the biology of horticultural plants, and basic horticultural practices.

HLT 1016 Green Industry Equipment

Introduces students to the basic concepts of maintenance, care and repairing equipment associated with the Green Industry. This instruction is designed to cover the knowledge and skills required of employees and employers in many areas of the landscape occupations such as lawn maintenance industry, landscaping and nurseries.

HLT 1030 Landscape Design I

Introduces students to the basics of graphic communications used in landscape design and construction. Students learn the proper use of graphic tools and materials to manually produce site analyses, concept plan, preliminary plan, planting plan, and master plan documents in both plan and perspective views.

HLT 1050 Irrigation I

Introduces students to relevant irrigation components and their use, installation and maintenance.

HLT 1060 Greenhouse Management

Discusses greenhouse design, systems, management, and the major greenhouse crops and their cultural needs. This class trains for industry certification.

HLT 2011 Arboriculture

Discusses plant growth and development as it relates to trees and shrubs, and progresses to methods of planting, tree protection, pruning, and tree care. This class trains for industry certification.

HLT 2140 Introductory Soil Science

Discusses the formation, physical properties, chemical properties and management of soils emphasizing conditions that affect plant growth. The principles of soil fertility and practice of fertilizer use is also discussed.

HLT 2062 Urban Farm Management

Teaches the principles of crop selection, site management, harvesting and handling of vegetable and fruit crops in an intensive urban farm setting.

URBAN HORTICULTURE & LANDSCAPE MANAGEMENT CERTIFICATE

Certificate Total: Clock Hours: 607.5 Credit Hours: 27

Certificate Length: 2 semesters