

SUSTAINABLE URBAN HORTICULTURE, ADVANCED CERTIFICATE



College(s): DA

Program Code: 0828

The Horticulture (Sustainable Urban) certificate program is designed to provide students with cutting edge opportunities in the area of green technologies. Topics include green roofs, xeriscaping, rain gardens, and other new emerging technologies in the green industry.

This program is a hands-on, technical training in sustainable urban agriculture offered in partnership with the City Colleges of Chicago. Students receive a combination of classroom, lab, and field experience at the Arturo Velasquez Institute (AVI) greenhouse and at Windy City Harvest farm sites, complemented by a 14-week paid work experience at a Windy City Harvest (WCH) farm or partnering urban-farming operation.

Program Requirements

Code	Title	Hours
Required Program Core		
STTRDE 136	Basic Horticulture	3
STTRDE 137	Managing Urban Green Space	3
STTRDE 138	Horticultural Plant Science	3
STTRDE 139	Urban Horticultural Floral	3
STTRDE 140	Greenhouse Crop Production	4
STTRDE 141	Soil Fertility and Assessment	3
STTRDE 142	Management of Plant and Animal Invasion	3
STTRDE 143	Sustainable Farming Practices	4
Required Work-Based Learning Courses		
STTRDE 144	Practicum/Internship	5
Total Hours		31

Pathway

This is an **example course sequence** for students interested in pursuing Horticulture (Sustainable Urban). It does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn an Advanced Certificate (AC).

Semester-by-Semester Program Plan for Full-Time Students

All plans can be modified to fit the needs of part-time students by adding more semesters.

Course	Title	Hours
Semester 1		
STTRDE 136	Basic Horticulture	3
STTRDE 138	Horticultural Plant Science	3
Hours		6
Semester 2		
STTRDE 137	Managing Urban Green Space	3
STTRDE 140	Greenhouse Crop Production	4
STTRDE 141	Soil Fertility and Assessment	3
Hours		10
Semester 3		
STTRDE 139	Urban Horticultural Floral	3
STTRDE 142	Management of Plant and Animal Invasion	3
STTRDE 143	Sustainable Farming Practices	4
Hours		10
Semester 4		
STTRDE 144	Practicum/Internship	5
Hours		5
Total Hours		31

Choose your courses with your College Advisor.

The Windy City Harvest Apprenticeship program is offered annually from February through October, and applications for the program are due in the fall.

Eligibility requirements:

- At least a high school diploma or GED
- Eligible to enroll in the City Colleges of Chicago (no account holds)