



PLANT SCIENCE @ the BOTANICAL GARDENS

Plant Science at the Botanical Gardens is a 1-year program that connects qualified, highly-motivated high school seniors with professionals in the workplace. This competitive, off-site program provides unique training with nationally recognized partners.

WHAT TO EXPECT

- College level curriculum
- Working side by side with professionals
- Application and interview process
- Small class sizes
- Students must provide their own transportation

Be one of the first students to take advantage of this new opportunity!



In partnership with



Buffalo and Erie County
Botanical Gardens
2655 South Park Ave
Buffalo, NY 14218

**LOOKING FOR
MORE
INFORMATION?**

**CONTACT
LORI SMITH**





lsmith@elb.org
716-821-7375

www.elb.org



PLANT SCIENCE @ the BOTANICAL GARDENS

A one year, senior level program that incorporates contemporary knowledge, skills, and practices found in the horticulture, floral, and landscaping industries.

-  Students learn plant science and its application to horticultural practices commonly used in greenhouse production, floral design, and the landscaping industry.
-  Students gain hands-on experience in production, retail operations, and customer service.
-  Curriculum includes potential for college articulation agreement.
-  All students are given the opportunity to participate in work-based learning experiences through which they are exposed to the business practices and specific job duties related to careers in their field. These experiences connect the skills and knowledge learned in the classroom with the latest trends in industry.



CURRICULUM INCLUDES:

Foundations of Horticulture
Plant Cells and Tissues
Roots and Soils
Flowers, Fruits, and Seeds
Plant Identification
Soil Science

Plant Propagation and Pollination
Pruning
Landscape Design
Greenhouse Management
New York State Native and Invasive Species
Watering and Hydroponics

Certifications & Endorsements

Cornell Agricultural Education Technical Performance Assessment System
Precision Exams Plant & Soil Science I

Students completing the program successfully qualify to work as:

Greenhouse/Nursery Production, Landscaping, Retail Garden Centers, Landscape Construction, Floral design

Employment Opportunities requiring further education:

Plant Breeder, Commercial Grower, Floral Wholesaler, Landscape Designer, Landscape Architect, Golf Course Manager, Landscape Educator

