

# Horticulture Science and Services

(PROGRAM #8121600)

The Horticulture Science and Services pathway teaches students how to breed and grow garden and ornamental plants and plant species with the correct amount of moisture, nutrients, and light. Students acquire transferrable skills to enter the horticulture, landscaping, and garden industries.

Students in this pathway will participate in the following Career Technical Student Organization(s) (CTSO). FFA

## PROFESSIONAL CAREER CERTIFICATIONS\*

Industry Certification Title	CAPE college credits	Graduation online course requirement	Math/Sci Waiver (non-EOC)
Microsoft Office Specialist	N/A	YES	NO
Certified Horticulture Professional (FNGLA)	6 credits	NO	YES
Agriculture Associate Certification	N/A	NO	NO

## POST SECONDARY OPTIONS

Options	Pathway	Career**	Avg. Salary**
COLLEGE / UNIVERSITY ENROLLMENT	Horticultural Sciences BS Landscape & Horticulture Technology AS Environmental Sustainability AS	Soil & Plant Scientist Landscaping Supervisor Landscape Architect Landscape Designer	\$68,271 \$51,047 \$62,187 \$47,562
REGISTERED APPRENTICESHIP	N / A	N / A	N / A
WORKFORCE	Horticulture / Landscape Industry	Lawn care specialist Grounds keeper Nursery Worker Pest control technician	\$13.19 / hr \$11.27 / hr \$10.52 / hr \$39,981

## COLLEGE SCHOLARSHIPS

<p><b>Florida Gold Seal Vocational Scholars (GSV)</b></p> <p>Funds 2-year programs: Technical College certificate or State College degree</p>	<p>The Florida Gold Seal Vocational Scholars (GSV) can be used to fund a career education or certificate program at a Technical or State College.</p> <p>To earn this scholarship students must:</p> <ul style="list-style-type: none"> <li>• Complete 3 credits within a single pathway</li> <li>• 3.0 weighted core GPA</li> <li>• 3.5 unweighted GPA in the pathway courses</li> <li>• Minimum college ACT, SAT, or PERT scores</li> </ul> <p>Click here to see the full eligibility requirements: <a href="http://www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf">www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf</a></p>
<p><b>Florida Gold Seal CAPE Scholars (GSC)</b></p> <p>Funds a 2+2 bachelor's degree (BS or BAS)</p>	<p>The Florida Gold Seal CAPE Scholars award (GSC) can be used to fund a career education or certificate program.</p> <p>To earn this scholarship students must:</p> <ul style="list-style-type: none"> <li>• Pass Industry Certification exam(s) equaling 5 or more college credits</li> <li>• Document a minimum of 30 service hours</li> </ul> <p>Click here to see the full GSC eligibility requirements: <a href="http://www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf">www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf</a> Click here to see Industry Certification awarded college credits: <a href="http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml">http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml</a></p>

## SCHOOLS OFFERING THIS PATHWAY

High Schools:	Coral Springs McArthur Plantation South Plantation Western
Middle Schools:	n/a

## COURSE PROGRESSION

Course	Course #	Teacher Certification
Agriscience Foundations 1 (honors) (science)	8106810	AGRICULTURE (local)
Introductory Horticulture 2 (honors) (practical arts)	8121510	
Horticulture Science 3 (honors) (practical arts)	8121520	
Horticulture Science and Services 4	8121610	
Horticulture Science and Services 5	8121620	
Horticulture Science and Services 6	8121630	

## CAREER PATHWAY OPPORTUNITIES

CTE pathways offer students opportunities to continue their education after high school. Dual Enrollment pertains to students taking college courses while enrolled in high school. Articulation agreements allow students to earn college credit for CTE courses and industry certifications earned in high school.

<b>Workplace Experience</b>	CTE students have the opportunity to complete a pre-professional learning experience the summer after 11 <sup>th</sup> grade in their chosen field of study or career interest. <a href="http://www.browardschools.com/CTACE">www.browardschools.com/CTACE</a>
<b>Broward Technical Colleges</b>	Students who have passed courses in a high school CTE program or earned an Industry Certification can apply those credits to the aligned postsecondary program. Contact a BTC Counselor for more information or follow the link to see how you can save time and money when you attend a Broward Technical College. <a href="http://www.browardtechnicalcolleges.com/articulation-agreement">http://www.browardtechnicalcolleges.com/articulation-agreement</a>
<b>Broward College</b>	Students who complete a CTE pathway or earn an Industry Certification that aligns with Broward College's Associate of Science degree programs can earn FREE college credit. <a href="http://www.broward.edu/academics/cpl/pages/high-school.aspx">www.broward.edu/academics/cpl/pages/high-school.aspx</a>

\*Industry certifications offered may vary by school.

\*\*Salary data collected from Indeed.com, 04/2017

## CONTACT INFORMATION

**Broward County Public Schools: Career, Technical, Adult and Community Education**  
754-321-8400 [www.BrowardSchools.com](http://www.BrowardSchools.com) [CTACE@BrowardSchools.com](mailto:CTACE@BrowardSchools.com)

The School Board of Broward County, Florida, prohibits any policy or procedure which results in discrimination on the basis of age, color, disability, gender identity, gender expression, national origin, marital status, race, religion, sex or sexual orientation. Individuals who wish to file a discrimination and/or harassment complaint may call the Director, Equal Educational Opportunities/ADA compliance Department at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

Individuals with disabilities requesting accommodations under the American with Disabilities Act Amendments Act of 2008 (ADAAA) may call Equal Educational Opportunities/ADA Compliance Department at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

# Horticulture Science and Services

(PROGRAM #8121600)