

Advanced Certificate in Horticulture (30 Credits)

Guided Pathway: Advanced Certificate in Horticulture

For more information, visit www.fgc.edu and your academic advisor.

This 30 credit fully online certificate consists of ten 3-credit courses that are appropriate for anyone working in the golf, landscape, or any horticulture industry. This certificate provides an advanced plant science/horticulture background.

All ten 3-credit courses are available [online](#) for those who want to work and start college

Program Learning Outcomes

1. Students will demonstrate an understanding of plant physiology and growth.
2. Students will identify and classify pests.
3. Students will plan and troubleshoot landscape irrigation systems.
4. Students will manage a pest-control program.
5. Students will analyze and organize horticulture projects.

This is the sequence of courses for students interested in an advanced horticulture certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an **Advanced CCCⁱⁱ**. Courses that complete the degree are listed below. As always, visit your academic advisor each semester to help you keep on track for graduation.



SEMESTER BY SEMESTER MAP FOR PART- TIME STUDENTS

SEMESTER 1	ACTION ITEMS
BOT 1000 – Principles of Plant Growth (3 Credits)	<ul style="list-style-type: none"> • Meet with your advisor to confirm academic and career goals by the end of the semester.
ORH 1517 – Landscape Plants (3 Credits)	
Choose one: PLS 1021C – Applied Agricultural Chemistry OR EVS 2179C – Water Analysis and Monitoring	
TOTAL SEMESTER CREDIT HOURS: 9	
SEMESTER 2	ACTION ITEMS
GCO 1400C – Turfgrasses for Golf and Landscaping (3 Credits)	<ul style="list-style-type: none"> • Meet with your advisor to confirm or update your academic/career pathway and program of study.
GCO 2431 – Golf and Landscape Irrigation (3 Credits)	
GCO 2441 – Integrated Pest Management I (3 Credits)	
SWS 1102 – Soil Science (3 Credits)	
TOTAL SEMESTER CREDIT HOURS: 12	
SEMESTER 3	ACTION ITEMS
GCO 1402 – Turfgrass Science (3 Credits)	<ul style="list-style-type: none"> • After reviewing your final program of study, apply for Graduation. <ul style="list-style-type: none"> ○ Meet with your advisor to apply for graduation for your degree. ○ Sign up for commencement. • Congratulations, graduate!
GCO 2442C – Integrated Pest Management II (3 Credits)	
GCO 2601 – Materials Calculations (3 Credits)	
TOTAL SEMESTER CREDIT HOURS: 9	
AHRT CERTIFICATE MINIMUM: 30 SEMESTER CREDIT HOURS PATHWAY TOTAL: 30 CREDIT HOURS	

ⁱ C.C.C. plans may change in later catalogs. You may use this pathway if you entered the college on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours (9 hours) required for graduation through instruction by FGC to award the certificate.

ⁱⁱⁱ This is not an official certificate plan. For official certificate requirements, [click here](#).