

C.C.C. Environmental Science Technician (33 Credits)

Guided Pathway: College Credit Certificate, Environmental Science Technician (FULL TIME).

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

Transfer: **AS Environmental Science Technology**

The Environmental Science Technician certificate is designed for individuals wishing to enter the water and wastewater field, as well as experienced water and wastewater operators seeking to advance their careers. Because of the anticipated retirements of many current workers, this industry provides excellent career opportunities in an industry vital to the public health, quality of life, and economic development of the state and the nation. In addition, to work as treatment plant operators, graduates can work for private companies, as well as government agencies.

This is the sequence of courses for students interested in the **Environmental Science Technician Certificate**. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a **College Credit Certificate**ⁱⁱ. Courses that complete the degree are listed belowⁱⁱⁱ. As always, visit your academic advisor each semester to help you keep on track for graduation.



SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS

PRE-ENROLLMENT	ACTION ITEMS
	<ul style="list-style-type: none">• Complete Florida Gateway College application• Complete ESTC program application• Begin applying for Financial Aid and Scholarships.<ul style="list-style-type: none">◦ You can start the FAFSA in October for the next academic year. (i.e., in October 2024, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2025)• Check with your advisor for important deadlines and dates.• If you are a licensed operator, submit copies of your active license(s) to your advisor for articulation of credit application.iv• Meet with your advisor to discuss your plan of study.
SEMESTER 1 (Fall Term)	ACTION ITEMS
EVS 1026C – Chemistry and Biology of Natural Waters	<ul style="list-style-type: none">• Meet with your advisor to confirm academic and career goals by the end of the semester.• Meet with your advisor and ask about transfer advising to discuss options to pursue the AS Degree.• At the end of the semester, begin research on career options. Meet with a career advisor/coach to research your career options with a certificate in Environmental Science Technician
EVS 2005 – Treatment of Water and Wastewater	
EVS 2893C – Environmental Sampling and Analysis I	
TOTAL SEMESTER CREDIT HOURS: 12	
SEMESTER 2 (Spring Term)	ACTION ITEMS
EVS 2891 – Hydrology and Quality of Water Resources	<ul style="list-style-type: none">• Meet with your advisor to confirm academic and career goals by the end of the semester.• Meet with your advisor and ask about transfer advising to discuss options to pursue the AS Degree.• At the end of the semester, begin research on career options. Meet with a career advisor/coach to research your career options with a certificate in Environmental Science Technician• Two credits of EVS 2942L requires a 300-hour field experience. Secure a location to complete these hours.
EVS 2894C – Environmental Sampling and Analysis II	
SWS 1102 – Soil Science	
EVR 1001– Introduction to Environmental Science	
EVR 1001L – Introduction to Environmental Science Lab	
TOTAL SEMESTER CREDIT HOURS: 15	
SEMESTER 2 (Spring Term)	ACTION ITEMS
EVS 2942L – Environmental Science Technology Practicum	<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!
Choose one: EVS 2930 – Special Topics: Wastewater Treatment Operator C course OR EVS 2931 – Special Topics: Water Treatment Operator C Course OR EVS 2932 – Special Topics: Water Distribution Operations Level 3	
TOTAL SEMESTER CREDIT HOURS: 6	
ESTC DEGREE MINIMUM: 30 SEMESTER CREDIT HOURS PATHWAY TOTAL: 33 CREDIT HOURS	

ⁱ Degree 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 (15 hours) required for graduation through instruction by FGC to award the degree.

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

^{iv} Articulated licensure credit may satisfy EVS 2930, EVS 2931, and/or EVS 2942L.