

## A.S. Environmental Science Technology (64 Credits)

### Guided Pathway: Associate of Science, Environmental Science Technology (FULL TIME).

For more information, visit [www.fgc.edu](http://www.fgc.edu) and your academic advisor.

#### University Transfer: **FGC Water Resources Management**

The Associate in Science degree in Environmental Science Technology is designed for those who wish to enter the water resource management industry as well as experienced industry workers. This program can be the gateway to excellent career opportunities in an industry that is expected to grow as the population increases and is vital to the public health and economic development of the state and nation.

This is the sequence of courses for students interested in **environmental science**. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an **AS** degree<sup>ii</sup>. Courses that complete the degree are listed below<sup>iii</sup>. As always, visit your academic advisor each semester to help you keep on track for graduation.

All AS degrees must satisfy the statewide Civic Literacy requirement for graduation. Please see the [catalog](#).



### SEMESTER BY SEMESTER MAP FOR FULL- TIME STUDENTS

PRE-ENROLLMENT		ACTION ITEMS	
		<ul style="list-style-type: none"><li>• Complete Florida Gateway College application</li><li>• Complete ENST program application</li><li>• Begin applying for Financial Aid and Scholarships.<ul style="list-style-type: none"><li>◦ 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)</li></ul></li><li>• Check with your advisor for important deadlines and dates.</li><li>• If you are a licensed operator, submit copies of your active license(s) to your advisor for articulation of credit application<sup>iv</sup>.</li><li>• <b>REQUIRED:</b> Contact the Test Center and schedule to take the PERT Exam (unless exempt), which must be taken before registering for classes.</li><li>• Meet with your advisor to discuss your plan of study.</li></ul>	
SEMESTER 1 (Fall)		ACTION ITEMS	
ENC 1101 – Freshman Composition I		<ul style="list-style-type: none"><li>• Meet with your advisor to confirm academic and career goals by the end of the semester.</li><li>• <b>REQUIRED:</b> Complete the <b>Computer Competency course</b> within Canvas.</li><li>• Four credits of EVS 2942L require a 600-hour field experience. If taking this course in the next semester, secure a location to complete these hours.</li><li>• Signup for and pass the Florida Civic Literacy Exam.</li></ul>	
MAC 1105 - College Algebra (Required) Note: MAT 1033 is the prerequisite course			
Choose one: AMH 2010 – United States History to 1877 <b>OR</b> AMH 2020 – United States History from 1877 <b>OR</b> POS 1041 – American Government <sup>iv</sup> (Social Science & civic literacy)			
EVR 1001 – Introduction to Environmental Science			
EVR 1001L – Introduction to Environmental Science Lab			
TOTAL SEMESTER CREDIT HOURS: 13			
SEMESTER 2 (Spring)		ACTION ITEMS	
SPC 2608 – Public Speaking		<ul style="list-style-type: none"><li>• Meet with your advisor to confirm or update your academic/career pathway and program of study.</li><li>• Ask about transfer advising to discuss options to pursue the bachelor’s degree.</li></ul>	
ENC 1210 – Technical Writing			
SWS 1102 – Soil Science			
ENST Elective <sup>vi</sup>			
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TOTAL SEMESTER CREDIT HOURS: 15			

SEMESTER 3 (Summer)		ACTION ITEMS	
General Education Core Humanities		<ul style="list-style-type: none"><li>Meet with your advisor to confirm or update your academic/career pathway and program of study.</li><li>Four credits of EVS 2942L require a 600-hour field experience. If taking this course in the next semester, secure a location to complete these hours.</li></ul>	
BSC 2010C – General Biology with Lab (4 cr)			
TOTAL SEMESTER CREDIT HOURS: 7			
SEMESTER 4 (Fall)		ACTION ITEMS	
EVS 1026C – Chemistry and Biology of Natural Waters (4 cr)		<ul style="list-style-type: none"><li>Four credits of EVS 2942L require a 600-hour field experience. If taking this course in the next semester, secure a location to complete these hours.</li><li>Begin applying to the BAS Water Resources Management program or your top choice universities.</li><li>Check with your advisor for important deadlines and dates.</li></ul>	
EVS 2005 – Treatment of Water and Wastewater (4 cr)			
EVS 2893C – Environmental Sampling and Analysis I (4 cr)			
ENST Elective <sup>vi</sup>			
TOTAL SEMESTER CREDIT HOURS: 15			
SEMESTER 5 (Spring)		ACTION ITEMS	
EVS 2894C – Environmental Sampling and Analysis II (4 cr)		<ul style="list-style-type: none"><li>After reviewing your final program of study, apply for Graduation.</li><li>Meet with your advisor to apply for graduation for your degree.</li><li>Sign up for commencement.</li><li>Request final transcripts sent to the transferring college or university.</li><li>Congratulations, graduate!</li></ul>	
EVS 2891 – Hydrology and Quality of Water (4 cr)			
EVS 2179C – Water Analysis and Monitoring			
ENST Elective <sup>vi</sup>			
TOTAL SEMESTER CREDIT HOURS: 14			
AS DEGREE MINIMUM: 64 SEMESTER CREDIT HOURS PATHWAY TOTAL: 64 CREDIT HOURS			

<sup>i</sup> Degree plans may change in later catalogs. You may use this pathway if you entered the college on or before this date.

<sup>ii</sup> Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by FGC to award the degree.

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

<sup>iv</sup> Articulated credit takes the place of the ENST electives.

<sup>v</sup> You must earn a grade of "C" or better in all Gordon Rule classes.

<sup>vi</sup> Required to successfully complete a minimum of 12 credit hours of approved ENST electives.

Choose from **EVS 2930** – Special Topics: Wastewater Treatment Operator C course, **EVS 2931**- Special Topics: Water Treatment Operator C Course, **EVS 2932**- Special Topics: Water Distribution Operations Level 3, **EVS 2942L** – Environmental Science Technology Practicum, **BOT 1000** – Principles of Plant Growth, **BOT 2010C** – Botany I, and **GCO 2431** – Golf and Landscape Irrigation, **GLY 1001** – Earth Science