

Associate of Science in Environmental Science Technology Program Code 2182

Program Description: This program prepares students for employment in various positions such as environmental laboratory technicians, environmental samplers, environmental health inspectors, instrumentation technicians, pollution control technicians, groundwater contamination technicians and geology technicians. This degree is designed to articulate into the BS in Environmental Science.

Career Pathway: Science, Technology, Engineering, and Math (STEM)

Program entrance Requirements: HS Diploma or GED

Additional program information: You will earn Technical Certificates related to your program of study as you earn your AA, AS, AAS or Bachelor's degree.

Location(s): General Education courses can be taken at any college location. Some of the program specific courses are only taught at the A. Hugh Adams Central Campus. Please consult the course schedule for specific semester locations.

Contact information: Program contact information can be found at www.broward.edu/academics/programs/environmental/environmentaltechnology/Pages/default.aspx.

Related Programs at Broward College:

Environmental Science Bachelor of Science (S600 and S700)

Geographic Information Systems Advanced Technical Certificate (4277)

General Education Credit Hours		18
ENC1101	Composition I	3
ENC2210	Professional and Technical Writing	3
SPC1024	Introduction to Speech Communications	or
SPC1608	Introduction to Public Speaking	3
STA2023	Statistics	3
Humanities		3
Social/Behavioral Science		3
Core Requirement Credit Hours		42
BSC2010	Introduction to Biology I	3
BSC2010L	Introduction to Biology I Lab	1
CHM1045	General Chemistry I	3
CHM1045L	General Chemistry I lab	1
EVR1263	Fundamentals of Air Pollution	3
EVR1858	Environmental Regulations	3
EVR2930	Environmental Science Seminar	1
GIS1040C	Introduction to Geographic Information Systems I	4
EVR2949	Co-op internship	3
ORH2527	Florida Flora and Ecosystem Landscapes	3
PSC1121	Physical Science	or
PHY1001	Applied Physics	3
SWS2242C	Wetlands Management I	3
GEO2370	Conservation of Natural Resources	3
Electives*		8

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Specialized Course Credit Hours		4
BOT2010	Botany	3
BOT2010L	Botany Lab	1
OR		
BSC2011	Introduction to Biology II	3
BSC20111L	Introduction to Biology II Lab	1
OR		
MCB2010	Microbiology	3
MCB2010L	Microbiology Lab	1
OR		
ZOO2010	Zoology	3
ZOO2010L	Zoology Lab	1
Total Program Credit Hours		64

Notes: Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

*Electives –Students must complete 8 credits of electives. The student may have to take MAT1033/STA1001 based on their placement score. The student may have to also take CGS1060C in order to meet the Computer Competency requirement. If the student needs these courses, then 6 credits of the elective area can be used to fulfill the requirements. If the student does not need to take these course, the student must take electives from the following courses - CHM1040, CHM1041, GLY1010, GLY1010L, GIS1000, GIS1030, GIS1042C, and GIS1047C.

Students are strongly encouraged to meet with an advisor to create an educational plan.