

ENVIRONMENTAL SCIENCE TECHNOLOGY
Environmental Science Technology Associate in Science Major Code 2182

Program Description

This program, offered at the A. Hugh Adams Central Campus, 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.

Related Programs

Geographic Information Systems Advanced Technical Certificate Major Code 4277

Entrance Requirements

- HS Diploma or GED
 - PERT
- The PERT test places students into preparatory level reading, writing and math courses designed to prepare them for college-level coursework. Recent ACT or SAT score may also be used for placement. For more information, see <http://www.broward.edu/testing/>. Students who test into college prep courses must successfully complete all of the required coursework to qualify for graduation.

First Year Term I

*ENC 1101	Composition I	3
CHM 1025	Introduction to Chemistry	3
CHM 1025L	Introduction to Chemistry Lab	1
BSC 1005	General Biology or	
ORH 1000	Horticultural Biology	3
BSC 1005L	General Biology Lab or	
ORH 1000L	Horticultural Biology Lab	1
SPC 1024	Introduction to Speech Communications	3
#EVR 2930	Environmental Science Seminar	1
Total Term Semester Hours		15

First Year Term II

*ENC 2210	Professional and Technical Writing	3
*EVR 1009	Environmental Science	3
ORH 1523	Native Upland Plants	2
ORH 1524	Native Wetland Plants	2
*EVS 2893C	Environmental Sampling and Analysis	5
Total Term Semester Hours		15

First Year Term III, Session II or III

*Math (MTB 1310, MAT 1033, or MGF 1107)	3	
Elective	3	
Total Term Semester Hours		6

Second Year Term I

EVR 1858	Environmental Regulations	3
#EVR 2930	Environmental Science Seminar	1
SWS 2242C	Wetlands Management I	3
*MCB 2010	Microbiology	3
*MCB 2010L	Microbiology Lab	1
Elective	Humanities/Fine Arts	3
Total Term Semester Hours		14

Second Year Term II

EVR 2949	Co-op Internship	3
GIS 1040C	Introduction to Geographic Information Systems I	4
*PSC 1121	Physical Science or	
*PHY1001	Applied Physics	3
PSC 1121L	Physical Science Lab or	
*PHY 1001L	Applied Physics Lab	1
GEO 2370	Conservation of Natural Resources or	
Elective	Social Science	3
Total Term Semester Hours		14
Total Program Semester Hours		64

*Requires a pre- or co-requisite. See course description online at www.broward.edu.

#Students are required to take this course twice.

This program includes three credits of undesignated electives. Students may consider the following recommended electives: GLY 1010, ZOO 2010, or ETD 1320. Students who are not computer literate are advised to take ETD 1320 prior to enrolling in GIS 1040C.

** Students must fulfill the computer literacy general education requirements within the first 15 hours of BC credit by successfully completing the basic student technology test or pass the CGS1060C to earn the degree.

It is strongly recommended that students see an academic advisor every term.