



ENVIRONMENTAL SCIENCE TECHNOLOGY, ASSOCIATE OF SCIENCE

Program Code: 2182

Career Pathway: Science, Technology, Engineering, and Math

Location(s): Most courses for this program are offered at all BC locations. Specialized courses are offered at Central Campus. (<https://www.broward.edu/about/locations/>)

Program Entrance Requirements: HS Diploma or GED

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.

- a. Environmental Science Technology, Associate of Science 2182
- b. Bachelor of Science

Course	Title	Credits
ENC1101	COMPOSITION I	3.00
MAC1105C or MAC1105	COREQUISITE COLLEGE ALGEBRA ¹ COLLEGE ALGEBRA	3.00
EVR1261	FUNDAMENTALS OF AIR POLLUTION	3.00
Select one of the following:		4.00
ESC1000 & 1000L	EARTH SCIENCE and EARTH SCIENCE LABORATORY	
GLY1010 & 1010L	PHYSICAL GEOLOGY and PHYSICAL GEOLOGY LABORATORY	
ENC1102	COMPOSITION II	3.00
EVR1858	ENVIRONMENTAL REGULATION	3.00
CHM1045	GENERAL CHEMISTRY 1	3.00
CHM1045L	GENERAL CHEMISTRY I LAB	1.00
GE Course	General Education Humanities Core	3.00
SPC1065	SPEAKING FOR PROFESSIONALS	3.00
BSC2010	INTRODUCTION TO BIOLOGY I	3.00
BSC2010L	INTRODUCTION TO BIOLOGY I LABORATORY	1.00
GEO2370 or EVR1001	CONSERVATION OF NATURAL RESOURCES INTRODUCTION TO ENVIRONMENTAL SCIENCE	3.00
GIS1040C	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS I	3.00
ORH2522	FLORIDA FLORA AND ECOSYSTEMS LANDSCAPES	3.00
SWS2242C	WETLANDS MANAGEMENT I	3.00
EVR2930	ENVIRONMENTAL SCIENCE SEMINAR	1.00
Electives	Elective Courses ²	8.00
AMH2020 or POS2041	HISTORY OF THE UNITED STATES SINCE 1877 NATIONAL GOVERNMENT	3.00
Science Elective	Science elective specialization (lecture + lab) ³	4.00
Select one of the following:		3.00
EVR2949	CO OP WORK EXPERIENCE	
BSC2910	DIRECTED INDEPENDENT RESEARCH	
PSC2910	DIRECTED INDEPENDENT RESEARCH	
Total Credits		64

¹ MAC1105C COREQUISITE COLLEGE ALGEBRA is a 5-credit course. Students who register for this course must see an advisor to discuss their academic plan.

² Students must complete 8 credits of electives. Students must choose from the Program Electives (p. 2) list.

³ Science Electives (p.) include a lecture science course and a lab.

Notes:

Please note that some specialized courses are offered only in fall or spring terms.

See General Education course information here (<https://catalog.broward.edu/programs-study/aa-general-education-graduation-requirements/>).

Students must satisfy the Digital Literacy requirement by testing out, completing a Credit for Prior Learning portfolio, or passing CGS1060C COMPUTER AND INTERNET LITERACY.

In accordance with Florida Statute and Florida Administrative Code, students may need to satisfy the Civic Literacy Graduation Requirement. Visit the Civic Literacy Graduation Requirement page at [broward.edu/civic-literacy](https://students.broward.edu/resources/civic-literacy/) (<https://students.broward.edu/resources/civic-literacy/>).

Students are strongly encouraged to meet with an advisor (<https://students.broward.edu/resources/advising/>) to create a personalized educational plan.

Program Electives

Course	Title	Credits
EVR2930	ENVIRONMENTAL SCIENCE SEMINAR	1.00
BSC2910	DIRECTED INDEPENDENT RESEARCH	0.00
EVR2949	CO OP WORK EXPERIENCE	3.00
GLY1010	PHYSICAL GEOLOGY	3.00
GLY1010L	PHYSICAL GEOLOGY LABORATORY	1.00
GIS1000	MAPPING FUNDAMENTALS SYSTEMS II	3.00
GIS1030	REMOTE SENSING AND APPLICATIONS	3.00
GIS1042C	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS II	3.00
GIS1047C	APPLICATIONS OF GEOGRAPHIC INFORMATION SYSTEMS	3.00
STA2023	STATISTICS	3.00
ESC1000	EARTH SCIENCE	3.00
ESC1000L	EARTH SCIENCE LABORATORY	1.00
PSC2910	DIRECTED INDEPENDENT RESEARCH	0.00
PSC1121	PHYSICAL SCIENCES SURVEY	3.00
PSC1121L	PHYSICAL SCIENCES LABORATORY	1.00
PHY1001	APPLIED PHYSICS	3.00
BOT2010	GENERAL BOTANY	3.00
BOT2010L	GENERAL BOTANY LABORATORY	1.00
BSC2011	INTRODUCTION TO BIOLOGY II	3.00
BSC2011L	INTRODUCTION TO BIOLOGY II LABORATORY	1.00
MCB2010	MICROBIOLOGY	3.00
MCB2010L	MICROBIOLOGY LABORATORY	1.00
ZOO2010	GENERAL ZOOLOGY	3.00
ZOO2010L	GENERAL ZOOLOGY LABORATORY	1.00

Program Highlights

Credit for Prior Learning

Accelerate your path to completion with these options:

- Credit by exam
- Prior Learning Assessment
- Earned industry certifications
- And much more...

Related Industry Certifications

Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses: N/A

Get an Internship

After completing your first year of coursework make sure to visit Employment Solutions (<https://broward.edu/career/>) for internship opportunities and helpful tools like virtual job shadow, to help take your career to the next level!

- Get an Internship (<http://broward.edu/studentresources/career/Pages/Find-a-job-or-internship.aspx>)
- Virtual Job Shadow Tool (<http://www.broward.edu/studentresources/career/Pages/default.aspx>)

Median Wage and Job Growth Outlook

Broward College has Career Coach (<https://www.broward.edu/careercoach/>)! It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training.

Fund Your Education

This Program is Financial Aid (<https://www.broward.edu/admissions/financial-aid/>) eligible. Scholarships (<https://www.broward.edu/admissions/financial-aid/scholarships/>) may be available.

Program Learning Outcomes

Graduates from this program will:

- Demonstrate a greater knowledge of Florida's ecosystems.
- Locate a primary, peer-reviewed journal article and write a cohesive summary.
- Demonstrate competency/mastery of concepts related to Indoor Air Quality.
- Demonstrate competency/mastery of concepts related to Natural Resources Legislation.