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/](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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENC1101</td>
<td>COMPOSITION I</td>
<td>3.00</td>
</tr>
<tr>
<td>MAC1105C</td>
<td>COREQUISITE COLLEGE ALGEBRA ¹</td>
<td>3.00</td>
</tr>
<tr>
<td>or MAC1105</td>
<td>COLLEGE ALGEBRA</td>
<td></td>
</tr>
<tr>
<td>EVR1261</td>
<td>FUNDAMENTALS OF AIR POLLUTION</td>
<td>3.00</td>
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</table>

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
- EVR1858  
  ENVIRONMENTAL REGULATION
- CHM1045  
  GENERAL CHEMISTRY 1
- CHM1045L  
  GENERAL CHEMISTRY 1 LAB
- GE Course  
  General Education Humanities Core
- SPC1065  
  SPEAKING FOR PROFESSIONALS
- BSC2010  
  INTRODUCTION TO BIOLOGY I
- BSC2010L  
  INTRODUCTION TO BIOLOGY I LABORATORY
- GEO2370  
  CONSERVATION OF NATURAL RESOURCES
- GIS1040C  
  INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS I
- ORH2527  
  FLORIDA FLORA AND ECOSYSTEMS LANDSCAPES
- SWS2242C  
  WETLANDS MANAGEMENT I
- EVR2930  
  ENVIRONMENTAL SCIENCE SEMINAR
- Electives  
  Elective Courses ²
- AMH2020  
  HISTORY OF THE UNITED STATES SINCE 1877
  or POS2041  
  NATIONAL GOVERNMENT
- Science Elective  
  Science elective specialization (lecture + lab) ³

Select one of the following: 3.00

- EVR2949  
  CO OP WORK EXPERIENCE
- BSC2910  
  DIRECTED INDEPENDENT RESEARCH
PSC910  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/).

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

Program Electives

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>EVR2930</td>
<td>ENVIRONMENTAL SCIENCE SEMINAR</td>
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<tr>
<td>BSC2910</td>
<td>DIRECTED INDEPENDENT RESEARCH</td>
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<tr>
<td>EVR2949</td>
<td>CO OP WORK EXPERIENCE</td>
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<tr>
<td>GLY1010</td>
<td>PHYSICAL GEOLOGY</td>
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<td>GLY1010L</td>
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<tr>
<td>GIS1000</td>
<td>MAPPING FUNDAMENTALSSYSTEMS II</td>
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<tr>
<td>GIS1030</td>
<td>REMOTE SENSING AND APPLICATIONS</td>
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<td>GIS1042C</td>
<td>INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS II</td>
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<tr>
<td>GIS1047C</td>
<td>APPLICATIONS OF GEOGRAPHIC INFORMATION SYSTEMS</td>
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<td>STA2023</td>
<td>STATISTICS</td>
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<td>ESC1000</td>
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<td>EARTH SCIENCE LABORATORY</td>
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<td>PSC1121</td>
<td>PHYSICAL SCIENCES SURVEY</td>
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<td>PSC1121L</td>
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<tr>
<td>PHY1001</td>
<td>APPLIED PHYSICS</td>
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<tr>
<td>BOT2010</td>
<td>GENERAL BOTANY</td>
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<td>INTRODUCTION TO BIOLOGY II</td>
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<td>BSC2011L</td>
<td>INTRODUCTION TO BIOLOGY II LABORATORY</td>
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<td>MCB2010</td>
<td>MICROBIOLOGY</td>
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</table>

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 Career Services (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.