



## Bachelor of Science in Environmental Science Physical Science Program Code S600B

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

**Location(s):** Central Campus

**Program Description:** The Bachelor of Science (BS) in environmental science is designed for students that wish to pursue a career as a laboratory/field technician and/or progress to a graduate degree program (MS or PhD). The curriculum will provide the students with a foundational understanding of science, critical thinking skills, experiential learning, ethics and specific technical knowledge and skills required to work in the laboratory or the field. The Biosecurity track focuses on ecology, entomology, plant science, genetics and other aspects of environmental science. An optional Advanced Technical Certificate in Geographic Information Systems (GIS) provides additional discipline skills and knowledge that will make them competitive for employment within the environmental and biological science workforce.

**Program Entrance Requirements:** Entry requires completion of an AA/AS degree or transfer of 60+ credits (including general education) from another accredited institution. Applicants must have:

- a cumulative grade point average of 2.5 on a 4.0 scale
- submit a letter of recommendation
- submit all transcripts from previous institutions
- be approved by the Environmental Science department
- Completed the following courses with a C or higher:
  - Introduction to Biology I BSC2010
  - Introduction to Biology I Lab BSC2010L
  - General Chemistry I CHM1045
  - General Chemistry I Lab CHM1045L
  - One of the following: GLY1010/L Physical Geology with Lab or ESC1000/L Earth Science with Lab or PSC1121/L Physical Science Survey with Lab
  - Statistics (STA2023) must be completed prior to entry or during the first year of baccalaureate study

**Graduation Requirements:** The Bachelor of Science degree will be awarded to students who meet the following requirements:

- A minimum of 120 semester credit hours in the prescribed coursework is required for the Bachelor of Science degree. Coursework is comprised of both lower division (AA or AS) and upper division (BS) as specified by the program sheet.
- Successful completion of the Senior Internship or Senior Research
- Students must maintain an overall GPA of 2.5 to meet their graduation requirements.

**Additional Program Information:** This program collaborates with the University of Florida Ft. Lauderdale REC. Electives and certain required courses will be taken as a transient student through UF. Completion of the degree requires PSC4912 (Senior Research) or PSC4948 (Senior Internship) for the Physical Science concentration.

**Related Industry Certifications:** N/A



**Foreign Language Requirement:** Students must successfully complete the foreign language requirement as prescribed in college policy and the college catalog.

**Location(s):** General Education courses can be taken at any college location. Some program specific courses may only be available 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/environmentalscience](http://www.broward.edu/environmentalscience)

### Build Your Education



### Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits
Term 1	Term 1	GIS1040C GIS1042C	Introduction to GIS I Introduction to GIS II	3 3
	Term 2	GLY4203 OCE3008 Electives**	Environmental Geology Advanced Oceanography	3 3 3
	Term 2	Term 3	BSC4846 SWS3022	Scientific Communication Introduction to Soil Science
	Term 4	Electives**		9
Term 3	Term 5	PCB4454C Electives**	Biostatistics	4 3
Term 4	Term 6	GLY4746 GLY4731	Global Environmental Change Coastal/Marine Science	3 3
	Term 7	PCB4043 Electives**	Introduction to Ecology	3 4
Term 5	Term 8	GLY4820 GLY4820L	Hydrogeology Hydrogeology Lab	3 1
	Term 9	PSC4912 or PSC4948 MET4700	Senior Research or Senior Internship Atmospheric Processes	3 3



**\*\*CHOOSE ELECTIVES:**

ALS4161, ALS4162, ALS4163, AOM4643, BCH3033, BSC2011, BSC2011L, BSC4911, BSC4930, BSC4948, BOT2010, BOT2010L, CHM1046, CHM1046L, CHM2210, CHM2210L, CHM2211, CHM2211L, ENY3005, ENY3005L, ENY3225, ENY3222, ENY3510c, ENY3228, ENY4060, ENY4161, ENY4210, ENY4592, ENY4660, ENY 4660L, ENY4905, EVR 1263, EVR 1858, EVR 2930, FNR4660C, GIS1030, GIS1047C, GLY4203, GLY4731, GLY4820, GLY4820L, MAC1114, MAC1140, MAC1147, MAC2233, MAC2311, MAC2312, MAC2313, MAC2104, MAP2302, MCB2010, MCB2010L, OCE 3064C, ORH 2527, ORH3513, ORH4256, EVR3400C, PCB4303, PCB4341c, PSC4930, SWS2242c, SWS3022L, SWS4223, SWS4116, SWS4223, ZOO2010, ZOO2010L

**Notes:** Many courses have 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.

This is only a recommended course sequence. Students are strongly encouraged to meet with an [advisor](#) to create a personalized educational plan.

**CHOOSE YOUR COURSES**



## Program Highlights

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**Credit for Prior Learning:** Accelerate your path to completion with these options:

- Credit by exam
- Industry Certifications
- Prior Learning Assessment
- And much more...



**Related Industry Certifications:**

NA



**Get an Internship:** Completion of the degree requires BSC4911 (Senior Research) or BSC4948 (Senior Internship) for Biosecurity concentration.



**Median Wage and Job Growth Outlook:** Broward College has [Career Coach](#) & the [Career Ladders](#). These tools are 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. Learn how to climb your career ladder.



**Fund Your Education:**

This Program is Title IV eligible. [Scholarships](#) may be available.

Get Started Today!

START APPLICATION

