



Bachelor of Science in Environmental Science
Physical Science Teaching Focus
Program Code S600D

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 an educator and/or 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. Foundational Education courses will prepare students for a career in education.

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

Build Your Education



Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits
Term 1	Term 1	BSC4848	Scientific Communication	3
		GLY4072C	Global Environmental Change	3
	Term 2	GLY4203	Environmental Geology	3
		OCE3008	Advanced Oceanography	3
		EDF 3280	Instructional Strategies	3
Term 2	Term 3	EEX 3011	Introduction to ESE	3
		SWS3006	Introduction to Soil Science	3
	Term 4	Electives**		7
Term 3	Term 5	PCB4454C	Biostatistics	4
		RED 3342	Foundations of Reading	3
Term 4	Term 6	TSL 3080	ESOL Issues & Strategies I	3
		GLY4731	Coastal/Marine Science	3
	Term 7	PCB4043	Introduction to Ecology	3
		EDG 4410	Classroom Management	3
Term 5	Term 8	GLY4820	Hydrogeology	3
		GLY4820L	Hydrogeology Lab	1
		SCE 4330	Methods and Strategies of Teaching	3
	Term 9	PSC4912 or PSC4948	Senior Research or Senior Internship	3
		Elective	elective	3

****CHOOSE ELECTIVES:**

ALS4163, BCH3033, BSC2011, BSC2011L, BSC4911, BSC4930, BSC4948, BOT2010, BOT2010L, CHM1046, CHM1046L, CHM2210, CHM2210L, CHM2211, CHM2211L, ENY3005, ENY3005L, ENY4660, ENY4161, ENY4905, EVR 1261, EVR 1858, EVR 2930, GIS1030, GIS 1040c, GIS 1042c GIS1047C, MAC1114, MAC1140, MAC1147, MAC2233, MAC2311, MAC2312, MAC2313, MAD2104, MAP2302, MCB2010, MCB2010L , PSC3639c, OCE 3064C, ORH 2527, EVR3400C, PCB4303, PCB4341c, PSC 4473c, PSC4930, SWS2242c, SWS3006L, 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



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 PSC4911 (Senior Research) or PSC4948 (Senior Internship) for Physical Science 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

