

Job Title	Advanced Biology Instructor (High School)
PVN ID	BA-2511-007112
Category	Instruction and Social Service
Location	BARUCH COLLEGE
Department	Office of STEP & CSTEP Programs
Status	Part Time
Hourly Rate	\$45.00-\$45.00
Hour(s) a Week	2.50
Closing Date	Jan 15, 2026 (Or Until Filled)

General Description

The STEP Academy at Baruch College (a STEM academic enrichment and college preparation program) has several open instructor positions for the spring semester. Please note: These courses are non-credit, introductory and culminating workshop series. Participants do not receive an official grade.

The Spring 2026 Program runs for 12 Saturdays: January 24 through April 25, excluding February 21 and April 11.

1st Period Course: Advanced Biology: Biochemistry & Cell Biology | Schedule: 9am-10:25am

Course Description: This course is designed to review specific units for the AP Biology exam and/or prepare seniors for college level biology. Topics covered:

1. Biochemistry: The fundamental chemical processes of living things, including the structure of water, organic molecules (carbohydrates, lipids, proteins, nucleic acids), and the role of enzymes.
2. Cell Biology: The structure and function of cells and their organelles, cellular processes (transport, energy capture and usage like photosynthesis and cellular respiration), and regulatory mechanisms.

2nd Period Course: Advanced Biology: Evolution & Ecology | Schedule: 10:35am-12pm

Course Description: This course is designed to review specific units for the AP Biology exam and/or prepare seniors for college-level biology. Topics covered:

1. Evolution: Darwin's theory, evidence of evolution, population genetics, speciation, and phylogeny, how populations interact within communities.
2. Ecology: Ecosystems, energy flow, population dynamics, biodiversity, and the impact of human activities on the environment.

Additional Information: This course is designed for high school students interested in improving their science comprehension for test preparation and college readiness for science courses.

Salary: \$1,350 = [\$45 an hour x 2.5 hours (1.5 hours of instruction + 1 hour of preparation) x 12 sessions]

Other Duties

- Prepare and teach curriculum for 20-22 students
- Evaluate student and group performance
- Provide staff with measurable results in student learning through assessments
- Monitor and maintain accurate student attendance records
- Reassess curriculum based on students' needs, interests, and understanding of materials
- Other duties as assigned

Qualifications

Required:

- Availability for each program day
- Degree in science, science education, or related subject
- Experience in a teaching capacity in subject area
- Experience with designing/implementing a course curriculum
- Have a strong classroom management style

Preferred:

- Strong background in the subject area
- Prior teaching experience with high school or undergraduate students
- Ability to engage students with creative lessons and innovative teaching style
- Possess good interpersonal skills with adolescents and a strong understanding of their maturity levels
- Enthusiasm for the subject with flexibility in adjusting curriculum to reflect students' abilities

Only candidates who submit a cover letter will be considered. Please indicate If you are applying to teach both courses, Priority application deadline is December 15.