

ENVIRONMENTAL BIOLOGY (MINOR)

Department Website (<http://as.nyu.edu/biology/>)

Program Description

The science of biology reveals the workings of life in all its varied forms. The Department of Biology is home to world-class laboratories with faculty dedicated to pushing the frontiers of knowledge and educating the next generation of scientists and biomedical professionals. Research and teaching span the range of modern biology, from microbes to multicellular animals and plants, and from molecular and cellular processes to genetics, development, behavior, and evolution.

The department is committed to providing an education that is rigorous, exciting, and inclusive. Students are exposed to modern concepts and state-of-the-art methods throughout their studies, from introductory courses to upper-level electives that explore major fields of biology in depth. Education extends beyond the classroom as well. Students are encouraged to participate in laboratory research in the department and at other New York City institutions. Students also may study away while advancing in the major, an opportunity for global engagement that science majors elsewhere typically do not have.

The Biology majors and minors provide outstanding preparation for careers in research, academia, medicine, dentistry, and related fields. Graduates of the department have a remarkable record of success in acceptance into professional schools and in establishing notable careers in the biomedical sciences.

Minor Declaration

To request declaration of a minor, CAS students should visit the host department. To request declaration of a cross-school minor, CAS students should complete the online Minor Application available in their Albert Student Center. Students may also use the Minor Application (<https://www.nyu.edu/students/student-information-and-resources/registration-records-and-graduation/forms-policies-procedures.html>) in Albert to request cancellation of a CAS or cross-school minor.

Program Requirements

This minor requires the completion of five 4-credit courses plus one 1-credit lab (21 credits) with a grade of C or better (courses graded Pass/Fail do not count). Students interested in one of the minors offered by the Department of Biology should consult the director of undergraduate studies as early as possible to plan a course of study that best meets their needs.

Course	Title	Credits
Minor Requirements		
BIOL-UA 11	Principles of Biology I	4
BIOL-UA 12	Principles of Biology II	4
BIOL-UA 123	Principles of Biology Laboratory (or equivalent)	1
Choose one of the following laboratory courses:		4
BIOL-UA 16	Ecological Field Methods	
BIOL-UA 64	Geographic Information Systems for Ecology	
BIOL-UA 500	At the Bench: Disease Ecology	
Select two of the following:		8

BIOL-UA 42	Biostatistics
BIOL-UA 58	Evolution
BIOL-UA 63	Fundamentals of Ecology
BIOL-UA 66	Biogeochemistry of Global Change
BIOL-UA 327	NY Underground
BIOL-UA 332	Current Topics in Earth System Science
BIOL-UA 390	Urban Ecology

Total Credits

21

Policies

Policies Applying to the Minor

Advanced Placement

Students who achieve a score of 4 or 5 on the College Entrance Examination Board Advanced Placement Examination in Biology (or have equivalent international exam credits) are exempted from taking the Principles of Biology I, II (BIOL-UA 11, 12) sequence. However, because of medical, dental, and other professional school requirements, students on the prehealth track cannot place out of Principles of Biology.

Biology Major and Minors: Restrictions

Students may not declare and pursue a Biology major (<https://bulletins.nyu.edu/undergraduate/arts-science/programs/biology-ba/#text>) in combination with any minor offered by the Department of Biology (Environmental Biology (<https://bulletins.nyu.edu/undergraduate/arts-science/programs/environmental-biology-minor/>); Genetics (<https://bulletins.nyu.edu/undergraduate/arts-science/programs/genetics-minor/>); Genomics and Bioinformatics (<https://bulletins.nyu.edu/undergraduate/arts-science/programs/genomics-bioinformatics-minor/>); or Molecular and Cell Biology (<https://bulletins.nyu.edu/undergraduate/arts-science/programs/molecular-cell-biology-minor/>)), or vice-versa. Students are also not permitted to double-minor in this department; the policy is therefore either one major or one minor in Biology. There are no exceptions.

NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

College of Arts and Science Policies

A full list of relevant academic policies can be found on the CAS Academic Policies page (<https://bulletins.nyu.edu/undergraduate/arts-science/academic-policies/>).