

NATURAL SCIENCES

The department offers a major in natural science, which is designed for students who wish to complete their academic training at the bachelor's level in STEM and/or who plan to continue to graduate or professional schools. The major is designed to provide the students with a flexible program, enabling the graduate to pursue a variety of careers, including medicine, dentistry, veterinary medicine, or graduate training in STEM-related fields. Students may also major in other disciplines while completing the pre-health program. Beyond this, the major also serves the integrative neuroscience, environmental science, and the 3-2 engineering programs, as well as the biochemistry major/minor.

Other Programs and Majors Served by the Natural Sciences Department

1. Integrative Neuroscience, Environmental Science, and Biochemistry majors: The department serves the students from these majors by offering basic and upper-level courses to fulfill their major requirements, and by mentoring students in these majors in research. Students should consult with their program director for advice on course selection.
2. Pre-Health Program: Students interested in pre-health should consult the recommended Fordham College at Lincoln Center Pre-Health professions curriculum guidelines. All of the pre-health courses can be taken as NSCI subject code courses within the natural sciences department, except for Calculus I (MATH 1206) or Applied Calculus I (MATH 1203), which are offered by the mathematics department at Fordham College at Lincoln Center. Students may major in any field and still satisfy their pre-health requirements through the natural sciences department.
3. 3-2 Engineering Program: Interested students should consult with the 3-2 engineering program director for information regarding major courses to be completed in their sophomore and junior years. In general, the program requires one year of calculus-based physics with lab, such as NSCI 1701 Physics I & NSCI 1702 Physics II, and NSCI 1511 General Physics Lab I & NSCI 1512 General Physics Lab II.

Research

Most natural science, environmental science, and integrative neuroscience majors conduct scientific research projects at the Lincoln Center campus or at medical research centers in the vicinity. Students are encouraged to pursue research projects with natural sciences faculty members for academic credit. Students have the opportunity to do research in the following fields:

- Neuroscience
- Genetics
- Ecology
- Chemistry
- Molecular Biology
- Data Sciences

For more information

Visit the natural sciences department web page.