NATURAL SCIENCE MAJOR

Requirements

The following courses are required for the natural science major:

Course	Title	Credits
Required Courses		
NSCI 1403 & NSCI 1413	General Biology Lecture I and General Biology Lab I[1]	5
NSCI 1404 & NSCI 1414	General Biology Lecture II and General Biology Lab II	5
NSCI 1321 & NSCI 1331	General Chemistry Lecture I and General Chemistry Lab I	6
NSCI 1322 & NSCI 1332	General Chemistry Lecture II and General Chemistry Lab II	6
NSCI 1501 & NSCI 1511	General Physics Lecture I and General Physics Lab I	4
NSCI 1502 & NSCI 1512	General Physics Lecture II and General Physics Lab II	4
NSCI 2040	Research Design and Analysis	3
NSCI 3121 & NSCI 3821	Organic Chemistry Lecture I and Organic Chemistry Lab I	6
NSCI 3122 & NSCI 3822	Organic Chemistry Lecture II and Organic Chemistry Lab II	6
NSCI 4222	Science, Technology, and Society Values	4
MATH 1203	Applied Calculus I	3 to 4
or MATH 1206	Calculus I	
Electives		
Select at least six electives. Of these, four must include a lab and two electives do not need to include a lab. Refer to the Electives tab for the complete list of courses offered.[2]		

1 NSCI 1423 Concepts in Biology Lecture I and NSCI 1424 Concepts in Biology Lecture II may be substituted, respectively, for NSCI 1403 General Biology Lecture I and NSCI 1404 General Biology Lecture II.

2 One Independent Study course, NSCI 4999 Tutorial, substitutes for one upper-level elective lecture plus lab.

Other courses may be counted at the department chair's discretion. It is possible to select electives in order to follow special interests and career goals. This must be done in consultation with the student's departmental adviser. A grade of C- or better is required in all courses taken to fulfill the major. A student may not take the second half of a one-year course if the grade for the first half is below a C-.

Students are advised that the lecture and laboratory components of general biology, general chemistry, general physics, and organic chemistry must be taken concurrently.

Additionally, natural science majors should take these courses within the natural sciences department (i.e. students should register for NSCI classes). FCLC students should take these courses during the regular day (i.e. before 6 p.m.).

Advanced placement course credit may be substituted in partial fulfillment of these requisites. Students without two semesters' advanced placement in chemistry should note that NSCI 1321 General Chemistry Lecture I and NSCI 1322 General Chemistry Lecture II are prerequisites for NSCI 3121 Organic Chemistry Lecture I and NSCI 3122 Organic Chemistry Lecture II.

Availability

The major in natural science is available at Fordham College at Lincoln Center and Fordham's School of Professional and Continuing Studies at Lincoln Center.

Fordham College at Lincoln Center students: The requirements above are in addition to those of the Core Curriculum*.*

Professional and Continuing Studies students: The requirements above are in addition to those of the PCS Core Curriculum *and any additional electives that may be required to earn a minimum of 124 credits.*