NATURAL SCIENCE MAJOR

Requirements

The following courses are required for the natural science major:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSCI 1403 &amp; NSCI 1413</td>
<td>General Biology Lecture I and General Biology Lab I</td>
<td>5</td>
</tr>
<tr>
<td>NSCI 1404 &amp; NSCI 1414</td>
<td>General Biology Lecture II and General Biology Lab II</td>
<td>5</td>
</tr>
<tr>
<td>NSCI 1321 &amp; NSCI 1331</td>
<td>General Chemistry Lecture I and General Chemistry Lab I</td>
<td>6</td>
</tr>
<tr>
<td>NSCI 1322 &amp; NSCI 1332</td>
<td>General Chemistry Lecture II and General Chemistry Lab II</td>
<td>6</td>
</tr>
<tr>
<td>NSCI 1501 &amp; NSCI 1511</td>
<td>General Physics Lecture I and General Physics Lab I</td>
<td>4</td>
</tr>
<tr>
<td>NSCI 1502 &amp; NSCI 1512</td>
<td>General Physics Lecture II and General Physics Lab II</td>
<td>4</td>
</tr>
<tr>
<td>NSCI 3121 &amp; NSCI 3821</td>
<td>Organic Chemistry Lecture I and Organic Chemistry Lab I</td>
<td>6</td>
</tr>
<tr>
<td>NSCI 3122 &amp; NSCI 3822</td>
<td>Organic Chemistry Lecture II and Organic Chemistry Lab II</td>
<td>6</td>
</tr>
<tr>
<td>NSCI 4222</td>
<td>Science, Technology, and Society Values</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1203 or MATH 1206</td>
<td>Applied Calculus I or Calculus I</td>
<td>3 to 4</td>
</tr>
<tr>
<td>NSCI 2040</td>
<td>Research Design and Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

Select at least six electives. Of these:

Four must include a lab
Two electives do not need to include a lab

1. NSCI 1423 Concepts in Biology Lecture I and NSCI 1424 Concepts in Biology Lecture II may be substitute, respectively, for NSCI 1403 General Biology Lecture I and NSCI 1404 General Biology Lecture II.
2. One Independent Study course, NSCI 4999 Tutorial, may count toward one of the four lab elective courses.
3. NSCI 4172 Diverse Biologies/Shared Humanity or ENGL 4172 Diverse Biologies/Shared Humanity counts as a (non-lab) elective towards the major, but not towards any concentration.

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

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 is the prerequisite 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.

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-.

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