COMPUTER SCIENCE MINOR
(WEINBERG COLLEGE)

The program offers a minor in computer science for students who wish to develop a strong competence in computer science while majoring in another area.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MATH 220-0 &amp; MATH 224-0</td>
<td>Differential Calculus of One-Variable Functions and Integral Calculus of One-Variable Functions</td>
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<tr>
<td>or MATH 212-0 &amp; MATH 213-0 &amp; MATH 214-0</td>
<td>Single Variable Calculus I and Single Variable Calculus II and Single Variable Calculus III</td>
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<tr>
<td>MATH 230-0</td>
<td>Differential Calculus of Multivariable Functions</td>
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<tr>
<td>MATH 240-0</td>
<td>Linear Algebra</td>
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Minor Requirements (9 units)

6 core courses

EECS 101-0 | Computer Science: Concepts, Philosophy, and Connections (recommended)

Or an additional course from the breadth course lists.

EECS 111-0 | Fundamentals of Computer Programming
EECS 211-0 | Fundamentals of Computer Programming II
EECS 212-0 | Mathematical Foundations of Comp Science
EECS 213-0 | Introduction to Computer Systems
EECS 214-0 | Data Structures & Algorithms

3 breadth courses in 3 separate breadth areas

Breath courses (https://catalogs.northwestern.edu/undergraduate/arts-sciences/computer-science/computer-science-major/#breadth)

Students without programming experience may want to first take EECS 110-0 Introduction to Computer Programming, ideally in the Python programming language.

Students should begin the minor before the end of the first quarter of their junior year.