

MATHEMATICS AND COMPUTER SCIENCE (MINOR)

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

Program Description

The Computer Science department offers minors in Computer Science and Web Programming and Applications, and a joint minor in Computer Science/Mathematics. A Computer Science Education minor is also available in collaboration with NYU Steinhardt. We teach both computer science and technology so that students can develop the skills they need to pursue their careers and interests. Our interdisciplinary approach allows for students from all backgrounds and fields to find our courses both fun and practical. We can accommodate all levels so no prior background is required. If you do have prior computer experience, we would welcome you into our advanced classes.

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 (<http://www.nyu.edu/students/student-information-and-resources/registration-records-and-graduation/registration.html>) in Albert to request cancellation of a CAS or cross-school minor.

Program Requirements

The minor requires the completion of 16 credits completed with a grade of C or better, and the prerequisite for declaring this minor is completion of either CSCI-UA 101 Intro to Computer Science or CSCI-UA 102 Data Structures (depending on placement) with a C or better.

Course	Title	Credits
Minor Requirements		
Select one of the following: ¹		8
MATH-UA 121 & MATH-UA 122	Calculus I and Calculus II	
MATH-UA 131 & MATH-UA 132	Mathematics for Economics I and Mathematics for Economics II	
CSCI-UA 101	Intro to Computer Science	4
CSCI-UA 102	Data Structures	4
Total Credits		16

1

Students must choose one calculus track or the other and cannot mix courses from the two tracks. They also cannot register simultaneously for separate courses within the two sequences.

Policies

Minor Policies

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levels so no prior background is required. If you do have prior computer experience, we would welcome you into our advanced classes.

1. Tandon students are not permitted to declare a minor in Computer Science or a minor in Computer Science/Math at CAS. Tandon Students may declare the Web Programming and Applications Minor.
2. Students who are planning to declare a Data Science major or who already have a declared Data Science major are not permitted to declare a minor in Computer Science or a minor in Computer Science/Math due to significant course overlap. Data Science majors may declare the Web Programming and Applications Minor. Only 1 course can be shared between the Data Science major and the Web Programming and Applications minor.
3. All College of Arts Science students are eligible to pursue any of these programs. Non-CAS students will need written authorization from their home school. Students with transfer credits are required to complete half of their minor requirements at the Computer Science department.
4. Students must complete one CSCI-UA course with a grade of C or better before they may declare any major or minor in this department.
5. A grade of C or better is required for courses to count toward the minor. Courses taken under the Pass/Fail option are not counted toward the minor.
6. Students who wish to double-count courses for the math portion of the minor and another requirement may count at most two such courses toward the minor. At least two of the courses in total and at least one of the math courses must be taken in residence at New York University.

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/>).