

Pre-Doctoral MS in Computer Science



THE UNIVERSITY OF
CHICAGO

Masters Program in Computer Science

The MPCS Pre-Doctoral Masters of Science in Computer Science is a 12-course research-oriented masters program for students who want to explore computer science research and work closely with a CS faculty member as their research advisor. Completion of this program will strengthen a student's research background to become a more competitive candidate for PhD programs in Computer Science. The Pre-Doctoral MS in CS degree program is a full-time, 12 course program that can be completed in 15 months, starting in the Autumn quarter.

Pre-Doctoral students are expected to concentrate most of their research work in their first year, allowing them to build a competitive PhD application in their final quarter. All MPCS Pre-Doctoral students will be assigned a CS Faculty advisor in their area of research interest. The CS department does not offer any financial assistance, scholarships or funding to students in the Pre-Doctoral Masters Program.

Select CS Faculty participate in the MPCS Pre-Doctoral program. For a complete list, please visit our website.

In the Pre-Doctoral MS in CS Program, students must complete:

Core Course Requirements (4 courses)

- › 1 Theory Course (MPCS or PhD course)
- › 2 Systems core classes (MPCS or approved 300-level PhD course)
- › 1 Machine Learning (MPCS 53110 or approved 300-level PhD course)

Research requirements (4 courses)

- › 2 Practicum courses with MS research advisor
- › 2 Reading & Research courses to work on research

Elective course requirements (4 courses)

- › CMSC 300-level PhD courses providing depth in a specific area

Internship requirements

- › Pre-doctoral students should plan to work with their MS research advisor in the summer after their first academic year of study

Application Requirements

The MPCS Pre-Doctoral program is highly competitive and only a small number of students will be accepted. The Pre-Doc application requires that applicants select a faculty member to study with and an explanation of why your background and interests are a match for that research group. Successful applicants will have a strong Computer Science background, specifically in the area of research interest.

	Application Deadline	Notification	Deposit Due
Round 1	January 8, 2021	February 26, 2021	April 15, 2021
Round 2	April 2, 2021	April 23, 2021	May 15, 2021

Application requirements can be found on the MPCS website.