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.

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 5311 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

The MPCS Pre-Doctoral program is highly competitive and only a small number of students will be accepted. Applications that are not accepted to the Pre-Doctoral program WILL NOT be reviewed for the MS in Computer Science program. If you apply to both programs, only the Pre-Doc application will be reviewed. If you apply to the Pre-Doc program in Round 1 and are not admitted, you can apply to the MS in Computer Science Full-Time program in Round 2.

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<td>January 10, 2020</td>
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Application requirements can be found on the MPCS website