COMPUTER SCIENCE, MS
for the degree of Master of Science in Computer Science

department head: Nancy Amato (namato@illinois.edu)
director of graduate studies: Brian P Bailey (bpbailey@illinois.edu)
overview of admissions & requirements: https://cs.illinois.edu/admissions/graduate/applications-process-requirements
overview of grad college admissions & requirements: https://grad.illinois.edu/admissions/instructions/04c
department website: https://cs.illinois.edu/ (https://cs.illinois.edu)
program website: https://cs.illinois.edu/academic/graduate/ms-program
department faculty: https://cs.illinois.edu/people/faculty/
department-faculty
college website: https://grainger.illinois.edu/
contact: Viveka P Kudaligama (kudaliga@illinois.edu)
address: 1210 Siebel Center, 201 N Goodwin, Urbana, IL 61801
phone: (217) 333-4428
email: academic@cs.illinois.edu

The Department of Computer Science is one of the longest established computer science departments in the world and is consistently ranked as a top-5 graduate program.

The MS in Computer Science is a research-oriented degree that can be counted toward the PhD in Computer Science.

Opportunity exists for specializing in computational science and engineering via the Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering) optional graduate concentration.

Admission Requirements

Applicants must hold a bachelor’s degree equivalent to that granted by the University of Illinois at Urbana-Champaign. The recommended background for students entering a Computer Science graduate degree program is a bachelor’s degree in computer science or computer engineering. The Graduate Record Examination (GRE) (http://www.ets.org) general aptitude tests (Verbal, Quantitative, and Analytical) are no longer required. However, in some cases, GRE general scores may provide helpful supporting information.

Applicants to the computer science MS program must have a minimum grade point average (GPA) of 3.20 (A = 4.00) in their undergraduate studies (international GPAs are systematically converted) to be considered. The department reserves the right to admit applicants with lower GPAs under rare and exceptional circumstances. If an applicant also holds a graduate degree, the minimum GPA for that degree must be 3.00. Full details of the programs offered by Computer Science, admissibility, application procedures, and deadlines can be found at the department’s Prospective Graduate Student Information Web site (http://cs.illinois.edu/admissions/graduate). To apply, click here (http://www.grad.uiuc.edu/admissions/apply).

All applicants whose native language is not English are required to submit TOEFL (http://www.toefl.org) or International English Language Testing System (IELTS) (http://www.ielts.org) scores as evidence of English proficiency. Minimum admission requirements (https://...
The Department of Computer Science (CS) offers other graduate programs leading to the degrees of Doctor of Philosophy in Computer Science and Master of Computer Science (MCS), as well as a Computer Science concentration under the interdisciplinary Master of Science in Bioinformatics. The MCS program is also available online for students who are working full-time and unable to come to campus.

**for the degree of Master of Science in Computer Science**

The Master of Science (MS) in Computer Science is a research-oriented degree that can be counted toward the Computer Science PhD. For additional details and requirements refer to the department's Graduate Degree Requirements (https://cs.illinois.edu/academics/graduate/ms-program) and the Graduate College Handbook (http://grad.illinois.edu/gradhandbook).

The Master of Science (M.S.) in Computer Science is a research-oriented degree that can be counted toward the Computer Science Ph.D. For additional details and requirements refer to the department's Graduate Degree Requirements (http://cs.illinois.edu/academics/graduate/ms-program) and the Graduate College Handbook (http://grad.illinois.edu/gradhandbook).

### Requirements

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CS 599</td>
<td>Thesis Research (minimum applied toward degree)</td>
<td>4</td>
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**Breadth Requirement** - One course from each of three different (out of eight) core areas (http://cs.illinois.edu/current-students/graduate-students/ms-thesis) | 9-12 |

**Advanced courses** – One 500-level course from one of the three areas selected in the Breadth Requirement; Remaining hours from any 500-level CS course (500-590 or 598) except CS 591 or CS 597. An approved 500-level non-CS course may satisfy 4 credit hours of this requirement; CS 599 (thesis) may satisfy 4 credit hours of this requirement. | 12 |

**Other Requirements**

Other Requirements and Conditions may overlap

- A minimum of 16 CS credit hours must be taken from the University of Illinois at Urbana-Champaign campus.
- A minimum of 12 500-level credit hours overall.
- A maximum of 4 hours of CS 591 and CS 491 may be applied toward the degree.
- A grade of B- or higher is required for Breadth Requirement course work.
- At most, 12 semester credit hours of previous graduate course work may be transferred and applied to the M.S. degree requirements and 12 credit hours of non-degree graduate courses completed in the Department of Computer Science at the University of Illinois at Urbana-Champaign may be transferred and applied to the M.S. degree requirements.
- It is each student’s responsibility to secure a M.S. thesis advisor and start thesis research no later than the beginning of the third semester in the program.
- All degree requirements must be completed within five consecutive semesters (only fall and spring semesters are counted).

The minimum program GPA is 3.0.