COMPUTER SCIENCE (CSMS)

Graduate Degree Program
College: Computer, Mathematical, and Natural Sciences

Abstract

The Computer Science Department's graduate program is ranked among the top in the nation and in the top ten among public universities. The department offers both M.S. and Ph.D degrees. Nearly all full-time PhD students receive financial support in the form of assistantships, fellowships, and grants, whereas M.S. students typically fund their studies themselves, receive financial support through their employers, or secure research assistantships. The Department boasts robust research programs in all areas of computer science, including artificial intelligence, computer systems and networking, database systems, programming languages, software engineering, scientific computing, algorithms and computation theory, computer vision, computer audition, geometric computing, graphics, human-computer interaction, and bioinformatics.

Financial Assistance

M.S. program applicants are eligible to apply for external fellowships and assistantships, but their offer of admission does not guarantee financial support.

Contact

Graduate Office
Department of Computer Science
2162 & 2164 Brendan Iribe Center for Computer Science and Engineering
8125 Paint Branch Drive
University of Maryland
College Park, MD 20742
Telephone: (301)-405-6713
Email: Contact CMSC Dept. (https://docs.google.com/forms/d/e/1FAIpQLSerJIIn6YY4AWhfkxDLmeFttu5OVs-hXPijMU3afT-pI_78ZQ/viewform/)

Website: http://www.cs.umd.edu/grad/catalog **(**http://www.cs.umd.edu/grad/catalog/**)**

Courses: CMSC **(**https://academiccatalog.umd.edu/graduate/courses/cmsc/**)**

ADMISSIONS

General Requirements

- Statement of Purpose
- Transcript(s)
- TOEFL/IELTS/PTE (international graduate students (https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/))

Program-Specific Requirements

- Letters of Recommendation (3)
- Graduate Record Examination (GRE) (optional)
- GRE Subject (optional)
- CV/Resume
- Writing Sample (optional)
- Maryland Max Planck Ph.D. Program: Students interested in applying to the Maryland Max Planck Ph.D. Program in Computer Science should follow the admissions instructions for the program (https://www.cs.umd.edu/maryland-max-planck/admissions/).

A strong background in mathematics and theoretical computer science is necessary.

Application Deadlines

Type of Applicant	Fall Deadline	Spring Deadline	Summer Deadline
Domestic Applicants			
US Citizens and Permanent Residents	December 5, 2025	N/A	N/A
International Applicants			
F (student) or J (exchange visitor) visas; A, E, G, H, I and L visas and immigrants	December 5, 2025	N/A	N/A

RESOURCES AND LINKS:
Program Website: http://www.cs.umd.edu
Application Process: gradschool.umd.edu/admissions (https://gradschool.umd.edu/admissions/)

REQUIREMENTS

- Computer Science, Master of Science (M.S.) (https://academiccatalog.umd.edu/graduate/programs/computer-science-csms/computer-science-ms/)

FACILITIES AND SPECIAL RESOURCES

The computer science department, located in the Brendan Iribe Center for Computer Science and Engineering, provides general purpose computing support to advance the academic and research mission of the department.

The department operates a data center in the AV Williams building with multiple 10 Gbps connections to the campus and national research networks. In addition to the primary data center, the department oversees a co-location facility for research groups wanting hands-on management of their own specialized equipment.

General purpose computing is provided via a RedHat Enterprise Virtualization environment. The system provides four compute nodes, each with at least 16 cores and 128GB of RAM. The cluster has 14 TB of shared disk. Nodes are connected to each other and the file system by multiple 10 Gbps Ethernet links.