COMPUTER SCIENCE

A pioneer in the field of undergraduate computer science, Mills continues this tradition by offering innovative graduate programs in interdisciplinary computer science. Designed for students with bachelor's degrees in other areas of study, our programs enable you to prepare for a variety of positions across industries. Combining the breadth of a liberal arts education with the focus of a computer science degree offers students a powerful combination that supports career success.

The master of arts in interdisciplinary computer science provides students from diverse backgrounds with a solid foundation in computer science and a unique perspective on how computers interact with other disciplines. You will discover the strengths and limitations of computers and what technological advances are needed to solve theoretical problems in a variety of fields. You will also be at the forefront of examining the relationship between computers and other disciplines including art, biology, business, education, health, music, and psychology and the dynamic ways in which these disciplines intersect with technology. Graduates of our program have found employment across disciplines in various corporations, nonprofit organizations, and educational institutions. High-profile companies recently hiring our graduates include Apple Google, Intuit, Mozilla, and PayPal.

Students can enter our master's degree program either after earning their bachelor's degree at another institution or by entering the Mills BA/MA Accelerated Degree Program in Computer Science (https://catalog.mills.edu/undergraduate/accelerated-degree-programs/ba-ma-interdisciplinary-computer-science).

Mills also offers two post-baccalaureate computer science certificate programs: one for students planning to enter industry directly, and one for students who wish to earn doctorates in computer science or a closely related field. Our graduates have been admitted to PhD programs at CMU; University of Washington, University of Virginia, and University of California, San Diego.

For information about our graduation rates, the median debt of students who completed the program and other important information, please refer to the Federal Gainful Employment Disclosure Statement. (https://inside.mills.edu/academics/graduate/cs/gedt/Gedt.html)

Program Goals

- Design and write a correct computer program.
- Understand how computer systems (including architecture, operating systems, networks, and compilers) work.
- Understand and apply the mathematical concepts underlying computer science.
- Form interdisciplinary connections and apply computer science to meeting human needs.

Programs

Master of Arts in Interdisciplinary Computer Science (https://catalog.mills.edu/graduate/programs/computer-science/ma-interdisciplinary-computer-science)

Post-Baccalaureate Program in Computer Science (https://catalog.mills.edu/graduate/programs/computer-science/post-baccalaureate-program)

Advanced-Degree Prep Track (https://catalog.mills.edu/graduate/programs/computer-science/advanced-degree-preparatory-track)

Faculty & Staff

Faculty

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Resources

Graduate Student Theses Topics (https://inside.mills.edu/academics/graduate/cs/ics_theses_art.php)