

Earning a Bachelor's and a Master's in Less Time

A Student can accelerate his/her education, and get on the fast track to advanced studies in computer science. The Computer Science Accelerated Master's program allows a student to count up to six senior-level credits toward both a Bachelor of Science in Computer Science and a Master of Science in Computer Science.

The Computer Science Accelerated Master's program offers a thesis option, a report option or a coursework option designed for highly motivated students who would like to pursue doctoral studies in computer science or gain a competitive edge in industry with an accelerated advanced degree. There is a growing demand for graduates with a Master's degree in computer science, and the accelerated program will provide a pathway to meet this need in fewer semesters.

Computer Science Accelerated MS Requirements

Admissions

- 1 Undergraduate students must apply for admission to the Accelerated Master's program through the standard Graduate School application process during the latter part of their junior year or early in their senior year.
- 1 The Accelerated Master's program requires students to be accepted into the Graduate School and the Master of Science in Computer Science program prior to the awarding of the Bachelor's degree.
- 1 Only students who will complete both Bachelor's and Master's degrees in Computer Science at Michigan Tech are eligible to enroll in the Accelerated Master's Program.
- 1 Students already enrolled in a graduate program may not retroactively enroll in the Computer Science Accelerated Master's program.

Credits

Students must earn 30 credits past the Bachelor of Science in Computer Science, Computer System Science, or Software Engineering to complete the requirements for the Master of Science in Computer Science (MSCS); however, up to six credits taken as an undergraduate student may be applied toward both the BS and MSCS, so long as they satisfy the requirements for both degrees, and the student completes a minimum of 150 combined credits (without double counting any credits).

GPA

Only students in good academic standing are eligible to enter the Computer Science Accelerated Master's program. A student must have a cumulative undergraduate GPA of at least 3.2 to be considered for the program at the time they apply. Undergraduate students who are accepted to the program must maintain an undergraduate GPA of at least 3.2 for the remainder of their undergraduate studies. If a student's undergraduate GPA drops below 3.2, a student will be dropped from the Accelerated Master's program, but may reapply to pursue the MSCS via the normal pathway, which does not allow the six credits to be double-counted.

Courses and Research (30 credits total)

- 1 The detailed course and course-level requirements for the Thesis Option, Report Option, or

Coursework Option, are outlined on the Master of Science in Computer Science [degree page](#).

- 1 A student wishing to pursue either a thesis or report option should begin conducting research with an advisor in the senior year (for example, through a CS4090 “Special Topics” or CS4099 “Directed Study” course); however, MS research credits may be earned only after the BS is awarded.

Advising

- 1 To help expedite degree completion, a student pursuing a thesis or report option degree should begin to work with a faculty research advisor at the time of application to the Accelerated Master’s program.
- 1 A student pursuing a coursework option degree is advised to complete 126 credits before officially beginning graduate study.
- 1 Each student will work with a faculty advisor who is a member of the Computer Science faculty. The advisor’s primary responsibilities are to supervise the student’s research, academic and professional growth, and development of an academic plan for enrolling in the appropriate courses.
- 1 The academic plan developed by the student and academic advisor will need written approval from the faculty advisor and the Departmental Graduate Coordinator.