Western Michigan University’s Computer Science (M.S., Ph.D.) programs emphasize software development and new technologies, in addition to the theoretical foundations of computer science.

The program prepares for professional positions in industrial corporations, government service and computer service companies.

In addition to having a strong theoretical background in core computer science areas, graduates become competent programmers and system designers.

Experienced faculty teach the classes with low student/faculty ratios, and lead the students under their academic guidance.

The labs provide student access to the newest equipment and servers, including a high performance supercomputer cluster.

Target concentrations include: software engineering, computer and sensor networks, computer security, high performance computing, and data analytics.

The programs provide excellent opportunities for internships and application development.
Computer Science (M.S., Ph.D.)

Teaching, Research, and Program Focus Areas
The M.S. program is designed to prepare students for professional positions in business, industry, and government and to provide preparation for graduate work at the doctoral level.

The Ph.D. program is designed to develop computer scientists with research and teaching expertise in computer science -- an excellent preparation for academia and R&D positions.

Faculty specialize in major computer science areas such as artificial intelligence, compilers & program verification, computational science, computer & sensor networks, computer security, CS education, databases, data mining, high performance computing, and software engineering.

Admissions
Admissions are on a rolling basis, and applications are evaluated throughout the year. GRE scores are recommended for M.S. admissions and required for PhD admissions.

International applicants should follow the deadlines specified by the Office of International Student Services. Current admissions and program requirements can be viewed at www.cs.wmich.edu.

Graduate Assistantships/Associateships
A number of graduate teaching and research assistant positions are available for students accepted into the program. Applications for graduate assistant positions should be sent directly to the Department of Computer Science. GA applications for the following academic year are typically due March 15.

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Department of Computer Science:
(269) 276-3101

Western Michigan University
One of the top-100 public universities in the United States, Western Michigan University offers many nationally known graduate programs, including 29 doctoral and 64 master’s degrees. More than 20 percent of its 25,000 students are enrolled in graduate course work.

Kalamazoo
With a population of more than 325,000, Kalamazoo is the sixth largest metropolitan area in Michigan and among the 150 largest in the country. Kalamazoo is rated one of the 25 best cities in the country for young college graduates, and is located midway between Chicago and Detroit.