



Computer Science

Master of Science



Davenport University's Master of Science in Computer Science (MSCS) prepares you for professional-level IT positions through the deepening of knowledge and skills in the high demand areas of computer visioning, artificial intelligence and pattern recognition. Our 30-credit program positions you to enhance your professional prospects in industry, government and business or to further your education at the doctoral level. Demand for a higher level of software development and IT leadership skills developed in this performance-centered degree will position you for success at the forefront of technology and computing.

The MS in Computer Science may be completed in-seat or online.

Why DU?

- Davenport's degree focuses on more than just the theoretical concepts of computer science, but also the application.
- One of only five National Security Agency Designated Centers of Academic Excellence in Cybersecurity in the U.S.
- Davenport's program offers potential articulation agreements with other universities, such as Michigan State University's Computer Science and Engineering Ph.D. program.
- Students choose a thesis research project to enhance the flexibility of their career focus.
- Concentration choices allow for a more focused depth of knowledge.

Davenport University

- We are a private, non-profit university preparing students for a career.
- We award \$15 million in scholarships each year.
- We keep a low student-to-faculty ratio.
- We specialize in flexible online or on-campus classes days and evenings.
- We are nationally respected for our curriculum and faculty.

College of Technology

Our curriculum is ahead of the curve. We research what's new, what's critical and what's emerging. We add a strong business foundation to give you the edge you need to succeed in your tech career. Find your future with Davenport's College of Technology.

Learn more from admissions representatives at **800-686-1600** or **davenport.edu**



Concentrations

Students complete 18 credits in our computer science core curriculum. Once completed, students choose between three concentration areas to complete the degree.

- Computer Science
- Security
- Software Engineering (Beginning year 2017–18)

Masters of Computer Science Impacts on Salary

According to *Forbes*, a Master Degree in Computer Science is one of the top degrees for job marketability and the Bureau of Labor Statistics expects the market to increase by 27% from 2012 – 2022. A 2012 National Association of Colleges and Employment study recently showed that those with a master’s degree earned, on average, 38% more than those with only a bachelor’s degree in the same field.

The need for computer science graduates to manage innovative software development continues to grow. Below is an example on what impacts a master’s degree can have on an entry-level position.

Occupation	Entry-Level Salary with BS	Entry-Level Salary with MS
Computer & Information Research Scientist	\$57,200	\$78,964
Computer Programmer	\$42,850	\$59,133
Computer Systems Analyst	\$49,950	\$68,931

Data retrieved from the Bureau of Labor Statistics.

Employment Opportunities

With a Master’s of Science in Computer Science you will be competitive for mid-to-upper level positions in computer systems and computer engineering positions. With this degree, opportunities can open up in these and other areas:

- Software Engineer
- Systems Integration Engineer
- Software Systems Developer
- Business Intelligence Analyst
- Software Application Developer
- Computer Systems Analyst
- Network Systems Manager



Get where the world is going

