

# Computer Science

Four-year Major

## The Math & Computer Science Department

UW-Superior's Department of Mathematics and Computer Science programs provide a core of fundamental courses along with an array of electives, enabling students to pursue special interests. With this versatile, highly regarded program, students are prepared for a career after graduation or graduate studies.

## The Computer Science Program

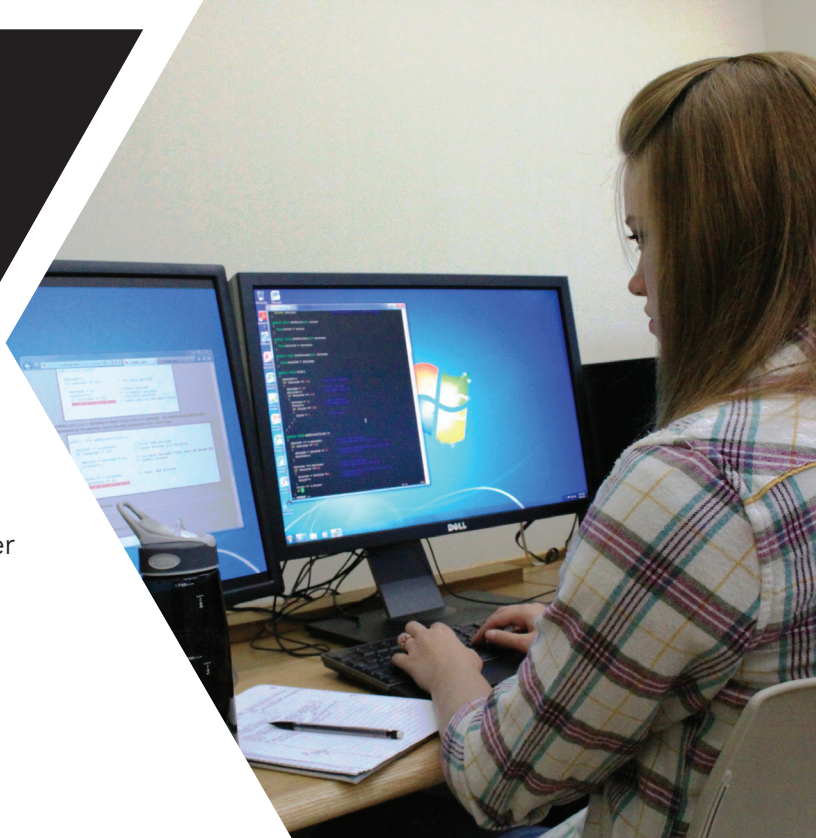
This program features embedded programming technology and enables students to learn cutting-edge techniques in this rapidly growing field. Students learn the principles and concepts of computer science while gaining skills for solving real-world computer problems. Students majoring in Computer Science have the opportunity to:

- Receive paid work related to their field of study
- Take part in a real-world software project
- Have an on-campus computer technology job
- Work in small classes with the latest technology
- Gain access to advanced computer labs

Instructors in the program pursue advanced study in embedded programming and software development, so they can bring the latest knowledge to their classroom. Instructors also work on research projects with students. Research in the past has involved:

- Biometrics
- Three-dimensional computer mapping
- Microcontroller programming

The Superior-Duluth area offers students numerous opportunities for jobs and internships involving computer science. This experience with a UW-Superior community partner will give students networking opportunities as well as developing real-world applications with a local business. For more information, visit [uwsuper.edu/acaddept/mathcsci](http://uwsuper.edu/acaddept/mathcsci).



## Career Possibilities

Computer science continues to be one of the fastest-growing career fields. Skilled and knowledgeable graduates are in high demand as the U.S. Department of Labor predicts that employment for computer specialists will grow faster than average during the next decade. Examples of career options in this industry include:

- Systems analyst
- Network security specialist
- Programmer analyst
- Database administrator
- Researcher
- Programming tool designer
- Computer systems administrator

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