Computer Science

UW-Superior offers two challenging Computer Science majors that provide a strong background in the fundamentals and a variety of elective courses for students with special interests. Both majors allow you to work with your faculty advisor to choose courses that best fit your goals for a career or advanced study.

The 57-credit comprehensive major provides the background needed to prepare students for jobs in industry or to pursue graduate study. Students learn the principles and concepts of computer science while gaining skills for solving real-world computational problems. This major is an ideal choice for students who intend to work as computer science professionals.

The 36-credit major provides the fundamental education needed for students to get jobs in the industry, to pursue graduate study or to assume responsibilities in a field that requires knowledge of computer science.

The Computer Science-Secondary Education Minor enables students to prepare for certification to teach computer science.

UW-Superior's Computer Science program emphasizes computer security to put students on the industry's cutting edge in this rapidly growing field. Professors pursue advanced study in computer security so they can bring the latest knowledge to their classes. They have incorporated computer security knowledge and techniques into numerous courses and have added specialized courses in security to the curriculum.

As an example of the program's quality, since 2003, three UW-Superior Computer Science graduates have been chosen to attend the Cybercorps security scholarship program co-sponsored by the National Security Agency and the National Science Foundation. This highly selective program accepts only about 300 students a year nationwide. The program leads to federal computer security certification and careers with federal agencies.

Find out more about UW-Superior's Computer Science program online at **uwsuper.edu/acaddept/mathcsci.**

Students majoring in computer science at UW-Superior have opportunities for paid work related to their field of study. Advanced students can take part in a capstone experience that applies classroom work to a real-world software project. This experience includes a partnership venture with another university and local businesses to develop cutting-edge applications, with the exciting prospect of taking advantage of emerging technologies to be first to market with a product for which there is a real business need and great future potential.

Students also can pursue individual research projects under the guidance of their professors. For example, in recent years students have worked on projects involving biometrics and three-dimensional computer mapping and imaging.

Majors/Minors

Majors:
Computer Science (comprehensive - no minor required)
Computer Science

Minors:
Computer Science
Computer Science - Teaching
Information Technology

For more information, contact:

We invite you to visit
A campus visit offers an opportunity to tour our campus and meet with an Admissions counselor. We can arrange for you to meet a professor and visit a class in any area you choose.

To arrange a visit
Online: www.uwsuper.edu/admissions
Email: admissions@uwsuper.edu
Phone: 715-394-8230

UNIVERSITY *of* WISCONSIN
Superior

Let's talk Computer Science

• Students work with professors who have experience with software development as well as active research programs in computer science and related areas.

• Emphasis on the growing field of computer security. Professors pursue advanced study and publish academic papers in this field.

• Small classes, personal attention and the latest technology ensure a quality education.

• On-campus computer technology jobs are available.

• The Superior-Duluth metro area offers numerous opportunities for jobs and internships involving computers.

• Advanced computer lab for computer science majors.

• All major campus buildings have at least one student computer lab.

• Campus wireless access.

• All residence hall rooms have two connections to the campus network and the Internet.

What can you do with a degree in Computer Science from UW-Superior?

Computer science continues to be one of the fastest-growing career fields. Skilled and knowledgeable graduates are in high demand and have opportunities to enter the job market with some of the highest starting salaries today. The U.S. Department of Labor predicts that employment for many computer specialists will grow faster than average during the next decade.

The following are examples of career options for computer science majors:

• Systems analyst
• Network security specialist
• Programmer-analyst
• Network systems and data communications analyst
• Database administrator
• Researcher
• Programming tool designer
• Network or computer systems administrators

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