



Computer Information Systems

Bachelor of Science



The Bachelor of Science in Computer Information Systems (CIS) is designed to provide you with a broad range of computer programming skills through real-world, hands-on learning opportunities. You will be provided with the performance-based skills necessary to design, develop, test and evaluate computer applications and system software. We prepare you to analyze and solve programming problems for specific network systems, and develop custom programs to meet specific customer needs to enhance organizational productivity and efficiency.

The BS in Computer Information Systems can be completed in-seat or online.

Why DU?

- Davenport University's CIS curriculum prepares students for a dynamic career in a growing field. In addition, we will grant credit for industry certifications from companies such as CompTIA, Cisco or Microsoft.
- Our hands-on learning environment challenges students to build information systems projects based on real-life problems. As a result, students develop high-level proficiencies that create an immediate impact in their new careers.
- Davenport University technology students consistently win at the National Leadership Competition for Business Professionals of America in Java programming, VB NET programming and C++ programming. In 2017 our students swept 1st, 2nd and 3rd place in C++ and C# programming.
- Davenport offers unique opportunities to specialize in Programming, Database and Analytics, and Web and Mobile development.

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 and 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**



Degree Options

The Foundations of Excellence courses for DU's Computer Information System's degree programs provide you with the knowledge and abilities to complete these tasks and will form the core of your professional careers. Davenport offers four opportunities to enhance your CIS degree:

1. Cooperative Education Program (Co-Op)

Combine classroom instruction with paid, application-focused learning in business and industry settings arranged as part of your course of study. This on-going professional immersion in the field provides you with a performance edge valued by employers.

2. Programming Specialty

Write codes and help create software programs for businesses. Computer programmers are essential for businesses because the software that is written helps the business and industry to function.

3. Web and Mobile Development Specialty

Learn the language of web design that can lead to a career creating a variety of interactive web content for business and industry.

4. Database and Analytics Specialty

Excel at designing, implementing and verifying data analytics models to support business requirements. Topics include data mining and warehousing, artificial intelligence, distributed architectures and inferential statistics.

5. Secure Software Coding Specialty

Apply the tools and methodologies to analyze and assess software and software system designs to detect threats and vulnerabilities that if exploited, may cause the software to behave differently than intended.

Employment Opportunities

In the computer systems field, you will work with corporate management to determine how computer systems will be best used within your company. CIS professionals work in a variety of positions including:

- Application Designer/Developer/Programmer
- Computer Information Specialist
- Computer System Consultant
- Computer Technician
- Database Administrator
- Game Designer/Developer/Tester
- Software Engineer
- Web Designer

Who Hires Our Majors?

You have opportunities for internships and employment at many local, regional and national companies. Examples of where our students have had these opportunities include:

- Herman Miller
- NetSource One
- Chrysler
- DICE Corporation
- Steelcase
- Spectrum Health
- Compuware
- State of Michigan



Get where the world is going