

Mayville State University

Computer Information Systems

Bachelor of Applied Science



Advantages

Technology-enriched. You will complete the B.A.S. program with a modern focus while taking advantage of a technology-enriched curriculum and campus.

Transfer Friendly. This program is designed to serve the needs of students who have earned A.A., A.S., or A.A.S. degrees. All coursework will transfer into the program.

Flexible. The B.A.S. program will give you a strong foundation in computer information systems while providing flexibility to tailor the program to your specific areas of interest.

The Program

Mayville State's computer information systems program uses innovative methods to equip you to succeed in limitless employment opportunities found in the IT industry.

We want to prepare you for more than just "a job." We strive to prepare students for a lifelong career in technology!

Our program:

- Empowers you to develop database driven applications for web, standalone, and other environments.
- Enables you to build and maintain server and network solutions to meet company needs.
- Prepares awareness of emerging security designs and to implement safeguards for protection.
- Positions you to hit the ground running by creating engaging projects and broadening your knowledge base and experiences.
- Enhances learning through the use of robust simulation software to provide practical experiential learning.
- Assists in teaching the foundations of understanding the technology spectrum while focusing on Computer Programming, Network Administration, and Systems Administration.

Personal Service

We pride ourselves on being just the right size to give students the time they need to be successful. Our average class size is 15, so you will have small, personalized class settings with a technologic focus for you to receive the education that you deserve. Your professors will introduce you to new ways of thinking, explore issues creatively, and evaluate ideas as you engage in the world.

Opportunity

Whether it's music, athletics, or politics, students at MSU have the chance to participate in a variety of activities and clubs. These organizations are a great way to make new friends with similar interests, and the involvement outside the classroom looks great on a resumé.

Some clubs and activities include:

- Theater
- Band & choir
- Computer Technology Club
- Science Club
- Comet Radio
- Student government
- Intramural sports

Success

Our students get jobs. Period. We also have internship opportunities to give you real, hands-on learning experiences and make your resume stand out.

Value

The combination of MSU's affordability and its unique offerings make it a Best in the Midwest College, as designated by the Princeton Review. This selection process is based on meeting criteria for academic excellence as well as results of surveys done by current MSU students.



1.800.437.4104
www.MayvilleState.edu

A Word About Our Grads

Graduates with Mayville State's CIS major have been employed in a number of careers, including:

- Multimedia developers
- Database administrators
- Computer analysts
- Computer programmers
- Technology support personnel
- Software engineers
- System administrators
- Network administrators
- Security administrators
- Webmasters

Graduates of Mayville State's computer information systems program have gone on to successful careers at a number of top-notch companies and organizations including Eide Bailey, Microsoft, DigiKey, Noridian Mutual, Carlson Companies, North Dakota University System, Gremada Industries, National Information Solutions Cooperative, Schwan's, IBM, Polaris, and Sanford Health.

Major: Computer Information Systems

Required credits to graduate with this degree: 120

This major is designed to provide a flexible, transfer-friendly approach to specifically serve the needs of students who have earned Associate of Applied Science, Associate of Science, or Associate of Arts degrees. A previously earned Associate degree (A.A.S., A.S., A.A.) will transfer as a block and students will complete a capstone-type program in Computer Information Systems.

Program requirements include 36 hours of essential studies, 20 hours of major core requirements, and 21 hours of supporting course work. A total of no less than 120 semester hours is required for graduation.

Pre-requisite to program entrance: successful completion of A.A.S., A.S., or A.A. program from accredited institution.

Minor: Computer Information Systems

This minor provides students with the knowledge, skills, and techniques desirable for employment in positions in which the computer is utilized as a tool. The core classes provide a general introduction to areas relevant to information technology. Careers that could benefit from this would be Business, Project, and IT Management. This minor consists of 18 semester hours of credit.

CIS - B.A.S.

Essential Studies Requirements:

COMM 110	Fundamentals of Public Speaking	3 SH
ENGL 110	College Composition I	3 SH
ENGL 120	College Composition II	3 SH
OR ENGL 125	Business and Technical Writing	3 SH
MATH 103	College Algebra	3 SH
Additional Essential Studies credits		24 SH

Total 36 SH

*Note: Courses completed as 'essential studies courses' in the A.A.S.; A.S.; OR A.A. program will apply to the 36-hour subtotal.

Core Requirements:

CIS 204	Programming I	3 SH
CIS 270	Operating System Principles	3 SH
CIS 300	Introduction to Relational Database	3 SH
CIS 310	Data Communications	3 SH
CS2 312	Network Administration I	3 SH
CIS 313	System Administration I	3 SH
CIS 455	CIS Capstone	2 SH

Total 20 SH

Supporting Course Work and Electives:

Supporting Course Work of 21 SH: Any upper division (300-400 level) CIS Course or other relevant courses that have approval of the advisor.

Electives: Students should consult advisor for selection of additional elective courses to ensure that a total no less than 120 credits is successfully completed.



If you have any questions regarding this program or any other program, please call 800.437.4104, ext. 34842 or go online: www.MayvilleState.edu

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