

Computer Science Management Information Systems

Why should I major in Computer Science Management Information Systems?

If you are interested in how business and information technology are closely integrated or want to understand how information technologies are designed, implemented, and used in multiple business settings, then you should consider majoring in Iowa Western's Computer Science Management Information Systems program. Accomplishing this degree at Iowa Western will provide you with the analytical, technical and interpersonal skills necessary to work in today's organizations. These skills will be acquired through business and technical classes in a learning environment which incorporates several hands-on opportunities. This degree will provide you with the knowledge and understanding of the how information technology helps us work, play, and communicate with each other.



What type of degree will I earn at Iowa Western if I enroll in this program?

Graduates of the two-year Computer Science Management Information Systems program earn an Associate of Arts (AA) degree. Other degree options in similar fields of study include earning an Associate of Arts (AA) degree in Computer Science; or an Associate of Applied Science (AAS) degree in Application and Web Programming, or Network and System Administration; or an Associate of General Studies (AGS) degree in Computer Studies.

If I major in Computer Science Management Information Systems, can I transfer to a four-year college or university?

This program of study was designed to transfer to a four-year college or university. The credits you earn in this program can be applied toward a bachelor's degree. Students must work closely with their advisor from Iowa Western and also their advisor from the transfer university while they attend IWCC to ensure that all credits will transfer and the proper sequence of courses is met for their individual situation.

What is the job outlook for Computer Science Management Information Systems graduates and what type of jobs will I be qualified for?

This degree is intended to prepare students to transfer to a four-year, degree-granting institution.

Program of Study

The Computer Science Management Information Systems program of study prepares students to integrate computer technology with business practices and management skills. Students will acquire knowledge of business functions, information technology processes, decision-making skills, and management skills. Students will grow and develop into professionals who can apply information technology tools to the spectrum of business issues. Students acquire credit in a broad base of general education courses and have the opportunity to obtain knowledge in information technology. Graduates of this program are awarded an Associate of Arts (A.A.) degree.

RECOMMENDED COURSE SEQUENCE

First Semester		Cr.
ENG 105	Composition I	3
CSC 110	*Introduction to Computers	3
BCA 105	*Introduction to Information Technology	3
NET 142	*Network Essentials <u>OR</u>	3
NET 217	*CCNA Exploration 1	
BCA 184	*Comprehensive Web Page Design Software	3
		15
Second Semester		Cr.
ENG 106	Composition II	3
	Social Science Elective	3
	A.A. Mathematics Requirement (MAT 121 - 227)	3
	Humanities Elective	3
CIS 332	*Database and SQL	3
		15
Third Semester		Cr.
SPC 112	Public Speaking <u>OR</u>	3
SPC 122	Interpersonal Communication	
CIS 606	*Visual BASIC.NET I <u>OR</u>	3
CIS 161	*C++ Programming <u>OR</u>	
CIS 171	*Java	
	Social Science Elective	3
	Humanities Elective	3
	Lab Science Requirement	4
		16
Fourth Semester		Cr.
	Mathematics/Science Elective	3
BUS 102	*Introduction to Business <u>OR</u>	3
BUS 154	*E-business	
ACC 121	*Principles of Accounting I	3
	Humanities Elective	3
	Distributed Requirement	3
	Social Science Elective	3
		18

*Required courses for the program

One elective must also satisfy the diversity requirement.

64 semester hours required

**For More Information,
contact the Admissions Office:
712.325.3277 or 800.432.5852, ext. 3277
or the Program Chair at 712.325.3271
www.iwcc.edu**