

## The Management Information Systems Major Goals

2009

Information technology is a driving force in the world of business today. The management of systems is essential in making businesses more effective. The MIS major is intended to prepare individuals to manage hardware and software systems, as well as make effective decisions relating to information technology. A learner who has successfully completed management information systems major at Upper Iowa University will be expected to:

### Core

1. Demonstrate the accounting skills used in a variety of business settings. This ability will be developed through the successful completion of the following courses:

BA 201 Accounting Principles I

BA 202 Accounting Principles II

2. Identify marketing concepts and their application in a variety of business settings. This ability will be developed through the successful completion of the following course:

BA 208 Marketing Principles

3. Explain the principles of finance and their application in a variety of business settings. This ability will be developed through the successful completion of the following course:

BA 341 Corporate Financial Management

4. Identify management concepts and their application in a variety of business settings. This ability will be developed through the successful completion of the following course:

BA 210 Management Principles

5. Analyze organizational behavior principles and the impact of diversity on organizations. This ability will be developed through the successful completion of the following course:

BA 210 Management Principles

6. Identify the fundamental components of operations management and their application in a variety of business settings. This ability will be developed through the successful completion of the following courses:

BA 210 Management Principles

BA 356 Quantitative Decisions in Business

7. Describe the legal environment in which businesses must operate. This ability will be developed through the successful completion of the following courses:

BA 302 Business Law I

8. Recognize the economic environment and policies that affect businesses. This ability will be developed through the successful completion of the following general education courses:

BA161 Macroeconomic Principles

BA 160 Microeconomic Principles

9. Identify and evaluate socially responsible and ethical business practices. This ability will be developed through the successful completion of the following courses:

BA 225 Business Ethics

or

PHIL 202 Contemporary Ethics

All upper division business courses

10. Explain the use of information systems in business. This ability will be developed through the successful completion of the following course:

BA 222 Management of Information Systems

11. Demonstrate quantitative and statistical skills used in business decision making. This ability will be developed through the successful completion of the following courses:

MATH 220 Elementary Statistics

BA 356 Quantitative Decisions in Business

Management Information Systems

12. Describe a global view of business and evaluate the impact of international differences on business operations. This ability will be developed through the successful completion of one of the following course:

BA 488 Economics of International Business

BA 317 International Management

BA 424 Global Marketing

BA 463 International Finance

13. Synthesize and evaluate knowledge in the major and apply it to a particular organization. This ability will be developed through the successful completion of the following course:

ID 498 Senior Project

14. Demonstrate an understanding of basic computer programming skills. This ability will be developed through the successful completion of the following courses:

MIS 201 Principles Computer Programming

MIS 210 COBOL Programming

MIS 384 Advance Computer Programming

15. Demonstrate inductive and deductive reasoning to identify and analyze information, technology and systems problems for businesses or organizations. This ability will be developed through the successful completion of the following courses:

MIS 435 Information Systems Strategies

MIS Elective

16. Demonstrate an understanding of the management and administration of communication networks. This ability will be developed through the successful completion of the following courses:

MIS 388 Telecommunications and Networks  
MIS Elective

17. Demonstrate an understanding of the use of computers and modern technology to store, manipulate, quantify and /or communicate information. This ability will be developed through the successful completion of the following courses:

MIS 415 Database Management  
MIS 435 Information Systems Strategies  
MIS Elective

18. Demonstrate an understanding of the strategic use of information resources. This ability will be developed through the successful completion of the following courses:

MIS 435 Information Systems Strategies  
MIS Elective