Management Information Systems

College of Science, Engineering & Technology
Department of Computer Information Science
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The Bachelor of Science in Management Information Systems provides students
with in-depth knowledge of Information Technology concepts and applications, and
prepares them to create innovative solutions for real-world problems. Students
gain the ability to integrate hardware, software, and management skills to solve
problems in a variety of IT areas.

The program’s mission is to ensure that each graduate is exceptionally well qual-
ified to undertake a successful information systems career in industry, business,
education, or government. In support of this mission, the program is designed so
that each student will:

• Gain a sound foundation in computing basics, analysis and design, program-
ming, testing, software development, security, database, and human-computer
interaction.
• Learn the theory and practice of information technology and develop skills
to apply this knowledge to analyze and solve information system problems.
• Develop analytical, critical thinking, and interpersonal skills applicable to
real-world problem solving.
• Acquire basic business concepts to assist them in career paths where they
are interfacing with and developing solutions for business professionals.
• Develop effective oral and written communication skills.
• Appreciate the social and ethical issues in information systems.

Academic Map/Degree Plan at www.mnsu.edu/programs/#ALL

POLICIES/INFORMATION

Admission to Major is granted by the department. Admission to the Major is
required before the student is permitted to take 300- and 400-level courses. Re-
quirements are:

• A minimum of 32 earned semester credits
• Completion of MATH 121 with a grade of “C” or better
• Completion of ENG 101 with a grade of “C” or better
• Completion of IT 210 with a grade of 3.0 or better and IT 214 with a grade of
2.0 or better (or in their equivalents).

GPA Policy. The completion of any major or minor in the Department of Computer
Information Science requires both:

- a GPA of 2.5 or higher for all departmental courses, or their substitutions,
  used to complete the major or minor, and
- a GPA of 2.5 or higher for all courses, or their substitutions, used to complete
  the major or minor. This includes all departmental courses, supporting courses,
  and General Education courses, required for the major or minor.

It is recommended that students who cannot maintain a GPA of 3.0 in required
100 and 200 level course see their advisor for a program review.

Grade Policy. All coursework used to complete a departmental major or minor,
including required courses, required supporting courses, and required General
Education courses, must be taken for a letter grade except for courses offered
only as P/N.

No course completed with a grade of “D” can be used to complete a departmental
major or minor program, or to meet a departmental prerequisite.

Registration Hold Policy. The department will place a registration hold on any student
who earns a “D” or “F” in any of its courses. The department will also place such
a hold on any student who drops any of its courses after the first two weeks of the
semester. A student with a registration hold cannot register for courses until the hold
is released, which requires filling out an appeal form and taking it to the student’s
advisor for discussion. Appeal forms are available from the departmental office.

Dual Major Policy. Students can earn at most one undergraduate major from this
department.

Incomplete Policy. The department gives incomplete grades for only two conditions.
The first condition is illness, which requires a doctor’s written recommendation. The
second condition arises when a death in the student’s family has caused the student
to be away from the campus for an extended period. The student must have a satis-
factory grade (“C” or better) in the course at the time of the onset of the condition.

Internship Policy. An internship is required for all majors.

Residency Policy. Students must earn at least 50 percent of the credits required
for a major in Management Information Systems at Minnesota State Mankato.

Advising Policy. Every semester, before registering for courses, each student
majoring in Management Information Systems must meet with his/her advisor to
obtain permission for registration. This meeting ensures that all students are making
satisfactory progress toward their degrees.

Portfolio Policy. Each student majoring in Management Information Systems is
required to keep a portfolio of work done in all major courses, and to make this
portfolio available to faculty for review. Keeping a portfolio gives the student
ownership over his or her education and helps to personalize the educational ex-
perience. The portfolio also provides a valuable showcase of work accomplished
when interviewing prospective employers or applying to graduate school.

MANAGEMENT INFORMATION SYSTEMS BS

Degree completion = 120 credits

Required General Education
CMST 100 Fundamentals of Communication (3)
ENG 101 Composition (4)
IT 202W Computers in Society (4)
MATH 121 Calculus I (4)
PHIL 224V Business Ethics (3)
Communication Studies (Choose 3 - 4 Credits).
CMST 102 Public Speaking (3)
CMST 212 Professional Communication and Interviewing (4)

Major Common Core
ACCT 200 Financial Accounting (3)
ECON 207 Business Statistics (4)
IT 210W Technical Communication (4)
IT 214 Fundamentals of Programming (4)
IT 310 Data Structures & Algorithms (4)
IT 311 Business Application Programming (4)
IT 340 Introduction to Database Systems (4)
IT 350 Information Security (4)
IT 380 Systems Analysis and Design (4)
IT 440 Database Management Systems II (4)
IT 497 Internship (1-12)

Three credits of IT 497 are required for the major. Additional credits will be used to
satisfy overall degree requirements.

Major Restricted Electives
Students must complete the requirements for ONE of the two clusters.

Cluster 1: Integrated Business Experience (IBE) (15 credits)
IBE Curriculum (Choose 12 Credits)
Three credits of IT 499 must be taken concurrently with the IBE practicum to count
towards this cluster. The four IBE courses are taken together in a single semester.
Wall work with the College of Business Advising Center to register for the IBE curriculum.
FINA 362 Business Finance (3)
IT 499 Individual Study (1-4)
MGMT 230 Principles of Management (3)
MRKT 210 Principles of Marketing (3)
Cluster 1 Electives [choose 3 credits]
ACCT 210  Managerial Accounting [3]
BLAW 371  Computer and Technology Law [3]
MGMT 346  Production & Operations Management [3]
MGMT 473  Enterprise Resource Planning [ERP] [3]

Cluster 2: General Business [15 credits]
Business Core (Choose 9 Credits)
FINA 362  Business Finance [3]
MGMT 230  Principles of Management [3]
MRKT 210  Principles of Marketing [3]

Cluster 2 Electives (Choose 6 Credits)
ACCT 210  Managerial Accounting [3]
BLAW 371  Computer and Technology Law [3]
MGMT 346  Production & Operations Management [3]
MGMT 473  Enterprise Resource Planning [ERP] [3]

Major Unrestricted Electives (Choose 12 Credits)
ENG 469  Project Management in Technical Communication [4]

Or any upper-division course(s) between IT 300-IT 496 not already used in the Major Common Core or in the selected cluster. At least 8 credits must be at the 400 level.

Required Minor: None.

For IT course descriptions, please see Computer Information Technology.