***Duluth Campus***

# Management Information Systems Minor

*Finance & Management Information Sciences*

**Labovitz School of Business and Economics**

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2016
- Required credits in this minor: 12 to 30

The MIS minor provides a general overview of the design, implementation and management of information systems in business.

## Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

## Admission Requirements

A GPA above 2.0 is preferred for the following:

- 2.60 already admitted to the degree-granting college
- 2.60 transferring from another University of Minnesota college
- 2.60 transferring from outside the University

For information about University of Minnesota admission requirements, visit the Office of Admissions website.

## Minor Requirements

The management information systems minor is available to LSBE and non-LSBE students.

## Program Sub-plans

Students are required to complete one of the following sub-plans.

### MIS Minor for BBA/BAcc Students

**Group A Requirement (6 cr)**

MIS 3220 - Database Management and Design (3.0 cr)
MIS 3223 - Systems Analysis and Design (3.0 cr)

**Group B Requirement (6 cr): Electives**

Take exactly 6 credit(s) from the following:

- MIS 3224 - Data Communications and Computer Networks (3.0 cr)
- MIS 3232 - Computer Programming for Business (3.0 cr)
- MIS 4220 - Healthcare Informatics (3.0 cr)
- MIS 4221 *{Inactive}*(3.0 cr)

### MIS Minor for Non-LSBE Students

An overall and UM GOA of 2.60 and 2.0 in LSBE courses and completion of the pre-minor core are required for automatic admission to this minor. Students with GPAs between 2.00 and 2.59 should consult with the LSBE Advising and Academic Services Office.

**Non-LSBE Students Pre-Minor Core (15 - 18 cr)**

Students are encouraged to complete ECON 1022 and 1023 as pre-minor core prerequisites.
ACCT 2001 - Principles of Financial Accounting (3.0 cr)
ECON 2030 - Applied Statistics for Business and Economics [LOGIC & QR] (3.0 cr)
MIS 2201 - Information Technology in Business (3.0 cr)
MGTS 1101 - Introduction to Business [LE CAT8] (3.0 cr)
ECON 1003 - Economics and Society [LE CAT, SOC SCI] (3.0 cr)
*or* ECON 1022 - Principles of Economics: Macro [LE CAT, SOC SCI] (3.0 cr)
ECON 1023 - Principles of Economics: Micro [LE CAT, SOC SCI] (3.0 cr)

**Group A Requirement (6 cr)**

MIS 3220 - Database Management and Design (3.0 cr)
MIS 3223 - Systems Analysis and Design (3.0 cr)

**Group B Requirement (6 cr): Electives**

Take exactly 6 credit(s) from the following:

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•MIS 3224 - Data Communications and Computer Networks (3.0 cr)
•MIS 3232 - Computer Programming for Business (3.0 cr)
•MIS 4220 - Healthcare Informatics (3.0 cr)
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