



Duluth Campus

Management Information Systems B.B.A.

Finance & Management Information Sciences

Labovitz School of Business and Economics

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2017
- Required credits to graduate with this degree: 120
- Required credits within the major: 98
- Degree: Bachelor of Business Administration

The Management Information Systems (MIS) program prepares students for entry into careers in business computing. The major gives students both in-depth technical skills needed to design, implement, support, and manage information systems, as well as the breadth of knowledge in all business-functional areas needed to produce and manage integrative, technology-based solutions to business and organizational problems.

This professionally oriented program emphasizes the competencies required for management careers in business, government, public, or social service organizations. The program prepares students for entering careers with management responsibility by providing a breadth and depth of knowledge about organizations, management fundamentals, techniques, processes, and skills, combined with a foundation in the functional areas of accounting, business law, finance, information systems, marketing, operations, and human resource management.

The BBA offers a broad educational experience, while preparing students for a variety of technical and management careers. With about one-half of the required coursework from non-business disciplines, emphasis is on the development of a strong liberal arts education that provides a foundation for the required and elective professional courses. The program's core curriculum focuses on the fundamental administrative and functional skills demanded of leaders in today's public and private organizations. Students are permitted sufficient latitude in choosing electives appropriate to their particular professional objectives in finance, human resource management, organizational management, management information systems, or marketing.

In addition to classroom-based courses, students may participate in internship programs where classroom learning may be applied during professional experience as an employee of a public agency or private business. Students also may participate in the Student to Business Initiative (SBI), which offers the opportunity to use knowledge and skills to identify, analyze, and solve problems confronting small businesses. Both programs provide practical tests of vocational interests and valuable work experience.

Program Delivery

This program is available:

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

Admission Requirements

Freshman and transfer students are usually admitted to pre-major status before admission to this major

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

Freshmen and transfer students are typically admitted as pre-business students for all BBA majors. Admission to candidacy status typically occurs at the junior level when students have successfully completed all pre-major course requirements and met GPA standards. Students with 2.60 UM and overall, and 2.00 internal and pre-major GPAs, are admitted upon completion of pre-major courses; students with 2.00-2.59 UM and overall, and 2.00 internal and pre-major GPAs, are pooled and reviewed for evidence of academic success in LSBE majors.

Students who do not qualify for admission to candidacy may not take upper division LSBE courses (excluding some economics courses) without permission of the director of Student Affairs.

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

Required prerequisites

Introductory course (1 cr)

Not required for transfer students with 30 or more credits, or for students who change college into LSBE.

[UST 1000](#) - Learning in Community (1.0 - 2.0 cr)

Pre-major requirements (37 cr)

[ACCT 2001](#) - Principles of Financial Accounting (3.0 cr)
[ACCT 2002](#) - Principles of Managerial Accounting (3.0 cr)
[BLAW 2001](#) - The Legal Environment [LE CAT8, HUMANITIES] (3.0 cr)
[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)
[ECON 2030](#) - Applied Statistics for Business and Economics [LOGIC & QR] (3.0 cr)
[MIS 2201](#) - Information Technology in Business (3.0 cr)
[LSBE 2000](#) - Interpersonal and Teamwork Skills (1.0 cr)
[PSY 1003](#) - General Psychology [LE CAT, SOC SCI] (4.0 cr)
[WRIT 1120](#) - College Writing [LE CAT, WRITING] (3.0 cr)
[MATH 1160](#) - Finite Mathematics and Introduction to Calculus [LE CAT, LOGIC & QR] (5.0 cr)
or [MATH 1290](#) - Calculus for the Natural Sciences [LE CAT2, LOGIC & QR] (5.0 cr)
or [MATH 1296](#) - Calculus I [LE CAT, LOGIC & QR] (5.0 cr)

Communications or Foreign Languages

Students should see Student Affairs staff for approved foreign languages courses.

[COMM 1112](#) - Public Speaking [LE CAT, COMM & LAN] (3.0 cr)
or [COMM 1222](#) - Interpersonal Communication [LE CAT, LECD C, COMM & LAN] (3.0 cr)
or LSBE students are encouraged to take at least one year of a college-level foreign language. (See LSBE Advising and Academic Services Office.)

General Requirements

The Board of Regents, on recommendation of the faculty, grants degrees from the University of Minnesota. Requirements for an undergraduate degree from University of Minnesota Duluth include the following:

1. Students must meet all course and credit requirements of the departments and colleges or schools in which they are enrolled including an advanced writing course. Students seeking two degrees must fulfill the requirements of both degrees. However, two degrees cannot be awarded for the same major.
2. Students must complete all requirements of the [Liberal Education Program](#).
3. Students must complete a minimum of 120 semester credits.
4. At least 30 of the last 60 degree credits earned immediately before graduation must be awarded by UMD.
5. Students must complete at least half of their courses at the 3xxx-level and higher at UMD. Study-abroad credits earned through courses taught by UM faculty and at institutions with which UMD has international exchange programs may be used to fulfill this requirement.
6. If a minor is required, students must take at least three upper division credits in their minor field from UMD.
7. The minimum cumulative UM GPA required for graduation will be 2.00 and will include only University of Minnesota coursework. A minimum UM GPA of 2.00 is required in each UMD undergraduate major and minor. No academic unit may impose higher grade point standards to graduate.
8. Diploma, transcripts, and certification will be withheld until all financial obligations to the University have been met.

Program Requirements

1. LSBE students are encouraged to take at least one year of college-level foreign language.
2. Strict limitations on use of correspondence courses. See LSBE Student Affairs.
3. At least 50% of the required accounting, business, and upper division economics credits must be taken at UMD.

LSBE Core (18 cr)

[MGTS 3301](#) - Production and Operations Management (3.0 cr)
[FIN 3601](#) - Corporate Finance (3.0 cr)
[MGTS 3401](#) - Organizational Behavior and Management (3.0 cr)
[MKTG 3701](#) - Principles of Marketing (3.0 cr)
[MGTS 3801](#) - Human Resource Management (3.0 cr)
[MGTS 4481](#) - Strategic Management (3.0 cr)

Management Info Systems Group A (12 cr)

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

MIS 3232 - Computer Programming for Business (3.0 cr)

MIS 4225 - Advanced Applications Development (3.0 cr)

Management Info Systems Group B (6 cr)

Take exactly 6 credit(s) from the following:

- MIS 3224 - Data Communications and Computer Networks (3.0 cr)
- MIS 3295 - Special Topics: (Various Titles to be Assigned) (1.0 - 4.0 cr)
- MIS 3297 - MIS Internship (1.0 - 6.0 cr)
- MIS 4220 - Healthcare Informatics (3.0 cr)
- MIS 4221 *{Inactive}*(3.0 cr)

Management Information Systems Group C (3 cr)

ACCT 3301 - Accounting Information Systems (3.0 cr)

or COMM 3211 - Communication and Technology in the Information Age (3.0 cr)

or COMM 3560 - Video Game Entertainment (3.0 cr)

or CS 3011 *{Inactive}*(4.0 cr)

or FST 4225 - INTB 4201, Chinese Business and Economics [GLOBAL PER] (3.0 cr)

or FST 4295 - INTB 4211 Innovation in Ireland (GLOBAL PER) [GLOBAL PER] (3.0 cr)

or JOUR 3700 - Media Law and Ethics (3.0 cr)

or MGTS 4472 - Entrepreneurship (3.0 cr)

or MGTS 4473 - Management of Innovation and Technology (3.0 cr)

or WRIT 4220 - Document Design and Graphics (3.0 cr)

or WRIT 4230 - Web Design and Digital Culture (3.0 cr)

or WRIT 4250 - New Media Writing (3.0 cr)

or WRIT 4260 - Visual Narrative and Analytical Design (3.0 cr)

or Additional course from Group B

or Selected upper division technology orientated course from other disciplines with MIS faculty consent.

Supporting Courses (17 cr)

In addition to economics and international requirements listed below, you may complete up to 3 credits of additional internship credits and upper division (3xxx or above) non-LSBE courses for a total of 17 credits of supporting courses. NOTE: PSY 3020, STAT 3611 and SOC 3155 are equivalent to ECON 2030 and cannot be used to fulfill these requirements.

Economics Requirement

Take exactly 1 course(s) from the following:

- ECON 3xxx
- ECON 4xxx

International Requirement

Take exactly 1 course(s) from the following:

- ACCT 4505 - International Accounting (3.0 cr)
- AMIN 3410 - Fur Trade in Canada and the United States [CDIVERSITY] (3.0 cr)
- ANTH 3628 - Women in Cross-Cultural Perspective (3.0 cr)
- ANTH 3632 - Latin American Cultures (3.0 cr)
- ANTH 3638 - Peoples and Cultures of the Middle East (3.0 cr)
- ECON 3150 - Development Economics (3.0 cr)
- ECON 3402 - Global Economic Issues (3.0 cr)
- ECON 4410 - International Economics (3.0 cr)
- ENGL 3501 - British Literature I [HUMANITIES] (4.0 cr)
- ENGL 3502 - British Literature II [HUMANITIES] (4.0 cr)
- ENGL 5566 *{Inactive}*(4.0 cr)
- ENGL 5583 *{Inactive}*(4.0 cr)
- FIN 3649 - International Finance (3.0 cr)
- FR 4412 - Contemporary French Culture and Society [HUMANITIES, GLOBAL PER] (4.0 cr)
- FR 4422 *{Inactive}*[HUMANITIES] (4.0 cr)
- FST 4225 - INTB 4201, Chinese Business and Economics [GLOBAL PER] (3.0 cr)
- FST 4295 - INTB 4211 Innovation in Ireland (GLOBAL PER) [GLOBAL PER] (3.0 cr)
- GEOG 3461 - Geography of Global Resources (3.0 cr)
- GER 4302 - German Women Writers and Filmmakers [HUMANITIES] (4.0 cr)
- GER 4305 - German Cinema [HUMANITIES] (4.0 cr)
- GER 4404 - Contemporary Germany [HUMANITIES, GLOBAL PER] (4.0 cr)
- HCM 4560 - International Comparisons of Health Care Systems (3.0 cr)
- HIST 3243 - Europe in Crisis in the 20th Century (4.0 cr)
- HIST 3244 - Holocaust & Genocide in Europe in the 20th Century (4.0 cr)
- HIST 3257 *{Inactive}*(4.0 cr)
- HIST 3264 - Russian Empire under the Tsars: Russia under the Romanovs from Peter the Great to Lenin [GLOBAL PER] (4.0 cr)
- HIST 3386 - The United States and the World since 1898 (4.0 cr)
- HIST 3615 - Modern Africa (4.0 cr)



- HIST 3616 (*Inactive*)(4.0 cr)
- HIST 3726 - Modern Middle East: 18th Century-Present [GLOBAL PER] (4.0 cr)
- HIST 3825 - Islamic History from Muhammad to the Ottomans [GLOBAL PER] (4.0 cr)
- MGTS 4474 - International Management (3.0 cr)
- MGTS 4861 - International Human Resource Management (3.0 cr)
- MKTG 4774 - International Marketing (3.0 cr)
- POL 3451 - Theories of International Relations (4.0 cr)
- POL 3456 - International Security: War and More (4.0 cr)
- POL 3517 - Western European Political Systems (4.0 cr)
- POL 3570 - Politics of Developing Nations (3.0 cr)
- SOC 3945 - Social Stratification (3.0 cr)
- SPAN 3042 - Civilization, Cultures and Communities in Latin America [HUMANITIES, GLOBAL PER] (4.0 cr)
- SPAN 3044 - Civilization, Cultures and Communities of Spain [HUMANITIES, GLOBAL PER] (4.0 cr)
- SPAN 4011 - Latin American Prose [HUMANITIES] (4.0 cr)
- SPAN 4018 - Latin America From Within [HUMANITIES] (4.0 cr)
- SPAN 4027 - Contemporary Literature and Culture of Spain [HUMANITIES] (4.0 cr)
- WS 3000 - Transnational Perspectives on Feminism [SOC SCI, GLOBAL PER] (3.0 cr)
- WS 3001 - Gender Relations in the Global South [GLOBAL PER] (3.0 cr)
- WS 3002 - Latin American Women: Culture and Politics (3.0 cr)
- WS 3400 - Women and Film [GLOBAL PER] (3.0 cr)

Advanced Writing Requirement and Professional Development (4 cr)

- BCOM 3141 - Business Communications (3.0 cr)
or WRIT 3121 - Advanced Writing: Business and Organizations (3.0 cr)
- LSBE 3000 - Career Development for the Business Professional (1.0 cr)