

COLLEGE OF BUSINESS

MAJOR: MANAGEMENT INFORMATION SYSTEMS

ACADEMIC YEAR: 2013-2014

DEGREE TYPE: B.S.

REQUIRED DEGREE CREDITS TO GRADUATE: 130

GENERAL EDUCATION REQUIREMENTS – 40 CREDITS

Lower Division Requirements – 9 Credits

First Year Experience (F) - 1 Credit

BUSN	189	Skills for Academic Success	1 cr
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Students transferring in 24 or more credits do not need to take BUSN 189.

Communication (C) - 12 Credits

*ENGL	110	College Composition I	3 cr
*ENGL	120	College Composition II	3 cr
*COMM	110	Fund of Public Speaking	3 cr

Quantitative Reasoning (R) - 3 Credits

*STAT	330	Introductory Statistics	3 cr
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Science & Technology (S) - 10 Credits

*CSCI 116	Business Use of Computers	4 cr
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A one-credit lab must be taken as a co-requisite with a general education science/technology course unless the course includes an embedded lab experience equivalent to a one-credit course. Select from current general education courses www.ndsu.edu/registrar/gened/

Humanities & Fine Arts (A) - 6 Credits

*PHIL	216	Business Ethics	3 cr
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Select from current general education courses www.ndsu.edu/registrar/gened/

Social & Behavioral Sciences (B) - 6 Credits

*ECON	201	Principles of Microeconomics	3 cr
*ECON	202	Principles of Macroeconomics	3 cr

Wellness (W) - 2 Credits

Select from current general education courses www.ndsu.edu/registrar/gened/

Cultural Diversity (D) - 3 credits

Select from current general education courses www.ndsu.edu/registrar/gened/

Global Perspectives (G)

ECON 201 or 202	Principles of Micro/Macroeconomics
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Upper Division Requirements - Writing – 3 Credits

ENGL	320	Business & Professional Writing	3 cr
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PRE-COLLEGE OF BUSINESS REQUIREMENTS - 14 CREDITS

*ACCT	200	Elements of Accounting I	3 cr
*ACCT	201	Elements of Accounting II	3 cr
*MATH	103	College Algebra	3 cr

A grade of 'B' or better is required for admission into professional majors in the College of Business. This is waived for students who place into Math 105 or higher.

PRE-COLLEGE OF BUSINESS REQUIREMENTS CONTINUED

*PSYC	111	Introduction to Psychology	3 cr
*STAT	331	Regression Analysis	2 cr

PRE-MIS REQUIREMENTS - 13 CREDITS

*CSCI	227	Computing Fundamentals I [F]	3 cr
*CSCI	228	Computing Fundamentals II [S]	3 cr
*SOC	110	Introduction to Sociology	3 cr
*MATH	144	Mathematics for Business	4 cr

A grade of 'C' or better is required for admission into the MIS major

MANAGEMENT INFORMATION SYSTEMS MAJOR REQUIREMENTS - 58 CREDITS

FIN	320	Principles of Finance	3 cr
MGMT	320	Foundations of Management	3 cr
MGMT	360	Operations Management	3 cr
MRKT	320	Foundations of Marketing	3 cr
BUSN	430	Legal and Social Environment of Business	3 cr
BUSN	489	Strategic Management (Capstone Course)	4 cr
MIS	320	Management Information Systems	3 cr
MIS	375	Database Design for Business Application [S]	3 cr
MIS	376	Data & Telecomm Administration [F]	3 cr
MIS	470	Information Systems [F]	3 cr
CSCI	315	System Analysis and Design [F]	3 cr
CSCI	316	System Testing and Maintenance [S]	3 cr
CSCI	372	Comparative Program Languages	3 cr
CSCI	489	Social Implications of Computers [S]	3 cr

Management Information Systems Practicum - 3 Credits

Students must complete one of the following options:

MIS 397 Cooperative Education Program

UNIV 492 Study Abroad Program

MIS 413 Internship

IME 456 Program and Project Management

BUSN 486 Senior Thesis

BUSN 415 Small Business Institute

CSCI 445 Software Projects Capstone.

Elective Requirements for MIS Major - 12 credits

- 1) Programming Language Course – 3 credits – CSCI 125, ECE 173 or an intermediate or advanced CSCI course that was not the teaching language of CSCI 227/228
- 2) Technology Elective I – 3 credits – from approved Technology Elective list
- 3) Technology Elective II – 3 credits – any 300-400 level CSCI or MIS course not used to satisfy another MIS major requirement
- 4) Business Elective – 3 credits – any 300-400 level CoB course not used to satisfy other requirements, CSCI 473, or ECON 324. (Excludes internships, study abroad, LEAD courses & MIS 371)

DEGREE ELECTIVES - 5 CREDITS TO REACH 130

Degree Requirements and Notes:

- Business courses from programs that do not hold AACSB International accreditation cannot be used for major or minor requirements in the College of Business (CoB); such courses may be eligible for use as free elective.
- The CoB accepts a maximum of nine credits of non-NDSU 300-400 level business courses from AACSB programs with approval of the department.

- Admission into the MIS Major: Students must successfully complete the pre-college and pre-mis courses that are indicated with an asterisk (*), achieve junior standing (60 credits), and earn a 2.50 institutional cumulative grade point average. Students must submit an application to the CoB.
- Admission to the MIS major is required to enroll in the advanced 300 or 400 level courses in the CoB.
- A grade of C or better is required in transfer courses accepted for ACCT 200 and 201 and all 300-400 level accounting, business administration, finance, management, mis, and marketing courses.
- A letter grade must be earned in any course that fulfills a major requirement.
- Requirements for graduation are those in existence at the time of admission to the MIS major.
- A grade of C or better is required for all courses with an MIS, CSCI, or ECE prefix.
- A 2.50 cumulative grade point average is required to enroll in 300-400 level CoB courses.
- Students must earn a 2.50 institutional GPA to graduate.
- Of the credits completed in residence at least 30 credits must be in 300-400 level CoB courses.
- Students must be accepted to the MIS major prior to the completion of the last 30 credits in 300 and 400 level CoB courses.
- A Business Administration minor is NOT offered with this major.
- For multiple majors within the CoB, at least 15 unique credits of 300-400 level CoB courses must exist between the majors.
- Students should refer to www.ndsu.edu/business for current and complete listing of the major requirements.