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
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

Science & Technology (S) - 10 Credits
*CSCI 116 Business Use of Computers 4 cr
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
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

Upper Division Requirements - Writing – 3 Credits
ENGL 320 Business & Professional Writing 3 cr

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.

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.

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

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• 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, CSCL, 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.