Bachelor of Business Administration
MANAGEMENT INFORMATION SYSTEMS

Students in Northern’s Business Administration program develop competency in applying technology to business strategy, management and decision-making through case studies, team projects, Internet use, as well as computer applications and systems integration.

Acceptance into this program requires that you: 1) have already completed at least 45 credit hours of college-level work, including the 35 credit hours of General Education Common Core; 2) have at least a 2.50 cumulative GPA in all college-level courses, especially business courses; and 3) submitted a letter of intent to the program director, showing evidence of written communication skills, leadership skills, community activities, and the promise of achievement in a business or professional career. Your application to the program director must be on file at least two weeks before the beginning of the term for which you seek acceptance.

GENERAL EDUCATION (35 crs) COMPLETED Planned Timeline (By Semester)

Communications (9 crs)

ENG 111 English Composition I (3)
Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation
SPCH 130 Public Speaking (3)
Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation
Choose one of the following:
ENG 112 English Composition II (3)
Pre-requisite: ENG 111
ENG 116 Technical Writing (3)
Pre-requisite: ENG 111

Mathematics (3 crs)

MATH 150 College Algebra (3)
Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation

Laboratory Science (8 crs)

Choose two survey courses (with labs) from the following list:

ASTR 110/L Introduction to Astronomy w/lab (4)
Pre-requisites: ENG 109 and MATH 100
BIOL 110/L Current Topics in Biology w/lab (4)
BIOL 112/L Environmental Science w/Lab (4)
CHEM 110/L Introduction to Chemistry w/lab (4)
Pre-requisite: MATH 102 or adequate score on the Course Placement Evaluation
GEOL 101/L Physical Geology w/Lab (4)
Co-requisite: GEOL 101L
GEOL 102/L Historical Geology w/Lab (4)
Pre-requisite: GEOL 101
PHYS 110/L Introduction to Physics w/Lab (4)

Social/Behavioral Sciences (6-9 crs)*
Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation
You must select survey courses from at least two different discipline areas from the following list:

ANTH 101/L Physical Anthropology w/Lab (4)
ANTH 102 Intro. to Social and Cultural Anthropology (3)
ANTH 110 Indian Culture of the Southwest (3)
ANTH 207 Cultures of New Mexico (3)
ECON 200 Macroeconomics (3)
ECON 201 Microeconomics (3)
GEOG 111 World Geography (3)
PSCI 110 The Political World (3)
PSCI 200 American Politics (3)
PSCI 210 State and Local Government (3)
PSCI 212 The American Presidency (3)
PSY 105 General Psychology (3)
PSY 210 Theories of Personality (3)
PSY 229 Adolescent Psychology (3)
PSY 230 Psychology of Adjustment (3)
PSY 232 Abnormal Behavior (3)
PSY 270 Social Psychology (3)
SOC 101 Introduction to Sociology (3)
SOC 213 Deviant Behavior (3)
SOC 216 Ethnic and Intercultural Relations (3)
SOC 220 Social Problems (3)
SOC 225 Marriage and the Family (3)

Plus, topic courses with student advisor’s approval

**Humanities and Fine Arts (6-9 crs)**

*Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation*

You must select survey courses from at least two different discipline areas from the following list:

- ART 105 Introduction to Art (3)
- ART 107 History of Art (3)
- ENG Lit. courses numbered 260-298
- HIST 101 Western Civilization I (3)
- HIST 102 Western Civilization II (3)
- HIST 161 History of the U.S. to 1877 (3)
- HIST 162 History of the U.S. from 1877 (3)
- HIST 260 History of New Mexico (3)
- HUM 101 Humanities I (3)
- HUM 102 Humanities II (3)
- MUS 105 Music Appreciation (3)
- PHIL 110 Intro. to Philosophical Problems (3)
- PHIL 220 Ethics (3)
- THE 120 Introduction to Theatre I (3)

*THE 150 is a suggested co-requisite*

- THE 130 History of Theatre (3)
- THE 220 Introduction to Theatre II (3)

*Pre-requisite: THE 120; Co-requisite: THE 150*

- THE 225 Creative Drama Tech. for the K-8 classroom (3)
- THE 238 Teatro Chicano (3)

**HEALTH, PHYSICAL EDUCATION, AND RECREATION (1 crs)**

Elective (1)

**PROGRAM REQUIREMENTS (90 crs)**

**BUSINESS CORE (33 crs)**

- BA 117 Business Math (3)
- BA 233 Accounting Principles I (3)
- BA 240 Principles of Management (3)

*Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation*

- BA 225 Excel (3)
- BA 226 PowerPoint (3)
- BA 242 Management Information Systems (3)
- BA 354 e-Commerce (3)
- CS 132 Introduction to Programming I (3)

*Pre-requisites: MATH 102*

- IT 130 Networking Fundamentals (3)

*Pre-requisite: CS 132*

- IT 210 IT Systems (3)

*Pre-requisites: CS 132*

- IT 250 Introduction to Databases (3)
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>BA 300</td>
<td>Business Law</td>
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<td>BA 310</td>
<td>Principles of Finance</td>
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<td>BA 313</td>
<td>Organizational Behavior</td>
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<td>BA 330</td>
<td>Principles of Project Management</td>
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<td>BA 345</td>
<td>Cost Accounting</td>
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<td>BA 461</td>
<td>Ethical and Legal Issues in Business</td>
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**MANAGEMENT INFORMATION SYSTEMS MAJOR (24 crs)**

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<td>BA 330</td>
<td>Introduction to Project Management</td>
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<td>BA 485</td>
<td>Internship</td>
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<td>IT 330</td>
<td>Networking</td>
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<td>IT 342</td>
<td>Wireless &amp; Mobile Comp</td>
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<td>IT 350</td>
<td>Database Management</td>
<td>3</td>
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<td>IT 410</td>
<td>Information Assurance/Security</td>
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<td>IT 447</td>
<td>Routing and Switching</td>
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**Upper Division Electives (17 crs)**

Students may take any 300- or 400-level course in BA, IT, or CT to satisfy this elective requirement.

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**TOTAL CREDIT HOURS** 128