Major in Management (B.S.)

Students pursuing the B.S. degree in management select one of three direct emphases: leadership and management, human resource management, or entrepreneurship and social responsibility. Students in the leadership and management emphasis are prepared for management trainee, supervisory, or other management positions in a variety of commercial enterprises. This emphasis also enhances students’ preparation for entrepreneurial and consulting endeavors. Students in the human resource management emphasis are prepared for entry-level positions as human resource generalists or specialists in a variety of firms. Students in the entrepreneurship and social responsibility emphasis are prepared for business development or entrepreneurship positions in a variety of new and established commercial and/or social enterprises. This emphasis also enhances students’ preparation for leadership and consulting endeavors.

### Emphasis 3. Entrepreneurship and Social Responsibility

**Requirements in Department (25)**

- MGMT 227 - Entrepreneurship, Innovation, and Sustainability (3)
  - OR MGMT 327 - Creativity, Innovation, and Entrepreneurship (3)
- MGMT 311 - Social Entrepreneurship (3)
- MGMT 335 - Managing Individuals, Teams, and Organizations (3)
- MGMT 346 - Business Communication (3)
- MGMT 355 - Human Resource Management (3)
- MGMT 395 - Career Planning in Management (1)
- MGMT 427 - Entrepreneurship and Business Model Design (3)
  - OR MGMT 411 - Entrepreneurship in Microfinance Organizations (3)
  - OR MGMT 421 - Global Social Venture Consulting (3)
- MGMT 437 - Entrepreneurship and Business Model Implementation (3)
  - OR MGMT 431 - Social Venture Competition (3)

One of the following (3)

- MGMT 457 - Managerial Negotiations (3)
- MGMT 460 - Human Resource Management and Leadership Consulting (3)
- MGMT 467 - Corporate Innovation and Social Responsibility (3)
- MKTG 350 - Principles of Selling (3)
- MKTG 443 - Marketing Research (3)

Total Hours for Emphasis 3, Entrepreneurship and Social Responsibility: 71-75
Received by the Undergraduate Coordinating Council April 7, 2016

COMMITTEE ON THE UNDERGRADUATE CURRICULUM (CUC)
Fourth Meeting/2015-16 Academic Year
March 10, 2016

SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

p. 2 of 11

BOT 2/18/16, CUC Section B 11/12/15, UCC 12/3/15

Department of Operations Management and Information Systems

BOT Other Catalog Change: Page 94, 2015-16 Undergraduate Catalog

**Minor in Business Analytics (24-31)**

The minor in business analytics is offered to students across campus (all majors) to prepare students to solve complex decision problems in a business environment with a combination of quantitative skills, modeling techniques, and hands-on expertise using current software applications for data driven decision making.

Students with these skills are in high demand in a variety of industries and sectors including accounting, management, marketing, finance, information systems, operations, health care, engineering, and energy. Equipped with a solid technical foundation in data analysis and model-driven management decision making, graduates of the minor will be prepared for successful careers in this growing field.

This minor will help students develop the business analytic skills necessary to compete in today’s “big data” world. Admission in the business analytics minor is competitive based on a student’s overall GPA and a grade of C or better in the pre-admission courses. Students in the minor in business analytics must receive a grade of C or better in all courses.

Students must complete an application for the business analytics minor by the semester deadline. Applications and deadline dates are available in the Department of Operations Management and Information Systems.

**Pre-Admission Requirements (9-16)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBUS 223</td>
<td>Introduction to Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>OR STAT 208</td>
<td>Basic Statistics</td>
<td>3</td>
</tr>
<tr>
<td>OR STAT 301</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>OMIS 338</td>
<td>Principles of Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>OR UBUS 310</td>
<td>Business Core: Lecture</td>
<td>9</td>
</tr>
<tr>
<td>OMIS 351</td>
<td>Information Systems in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>OR ACCY 310</td>
<td>Accounting Information Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

**Core Requirements (15)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMIS 324/STAT 324X</td>
<td>Introduction to Business Data Analytic Tools</td>
<td>3</td>
</tr>
<tr>
<td>OMIS 327</td>
<td>Decision Analysis</td>
<td>3</td>
</tr>
<tr>
<td>OR ACCY 415</td>
<td>Data Analytics in Accounting</td>
<td>3</td>
</tr>
<tr>
<td>OMIS 452</td>
<td>Database Management for Business</td>
<td>3</td>
</tr>
<tr>
<td>OR MKTG 455</td>
<td>Database Marketing and Data Mining</td>
<td>3</td>
</tr>
</tbody>
</table>

Deleted: OR STAT 324X - Introduction to Business Data Analytic Tools (3)
SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

OMIS 472 - Introduction to Business Intelligence (3)
OMIS 482 - Predictive Business Analytics (3)

Major in Physical Education/K-12 and 6-12 Educator Licensure (B.S.Ed.)
Total Hours for Major in Physical Education K-12 and 6-12 Educator Licensure: 81-83

Minor in Dance Education (26-33)
This minor provides ______ education should consult an adviser.

KNDN 264 - Jazz Dance (1-2)
TH-D 406 - Modern Dance IV (1-2)
Select option 1 for studio dance or option 2 for school dance teaching (6 or 12 1/2)

Option 1 (6)
Course work from the following not used above (2)
TH-D 205 - Dance Techniques I (1-2)

Option 2 (13)
Course work from the following
KNDN 366 - Dance Production (2)

KNDN 220 - Recreational Dance Forms (2)
SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

p. 4 of 11

Department of Literacy and Elementary Education

Other University Section

Other Catalog Change Page 14, 2015-16 Undergraduate Catalog

Baccalaureate Degree Majors

Meteorology—B.S.
Middle Level Teaching and Learning—B.S.Ed.
Music—B.A. and B.M.

BOT 3/12/15, ISBE 2/5/16, IBHE 3/22/16, CUC 2/5/15, UCC 2/12/15

Department Section

BOT/ Other Catalog Change Page 117, 2014-15 Undergraduate Catalog

ISBE/IBHE

Major in Middle Level Teaching and Learning (B.S.Ed.)

The Bachelor of Science in Education (B.S. Ed.) degree in Middle Level Teaching and Learning is an interdisciplinary program designed to prepare future practitioners with the content knowledge and pedagogical approaches necessary to serve the needs of young adolescent learners in specific disciplines for teacher licensure in middle level education. As a condition for obtaining a middle level teaching license (grades 5-8) in Illinois, candidates prepare for teaching in one major content area endorsement: English Language Arts, Mathematics, Science, or Social Sciences. In addition, the program has been designed so that candidates will earn endorsement in an additional area.

All students seeking admission to teacher education are required to have an overall minimum NIU GPA of 2.50 and successful completion of the Illinois Licensure Testing System (ILTS) Test of Academic Proficiency (TAP), or equivalent recognized by the Illinois State Board of Education. Additionally, students must obtain a grade C or better in all foundational studies general education courses; EPS 300, EPS 382, and EPS 419. These requirements must be met prior to enrollment in MLTL 302, Introductory Clinical Experience in Middle Level Curriculum and Instruction.

Special Requirements
Transfer students with an A.A. or A.S. degree must fulfill all general education requirements set forth by the entering catalog in order to meet educator licensure requirements.
SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

Middle level education students must successfully complete all professional course work with a grade of C or better, or S, to continue to enroll in any of the professional courses.

Retention
Retention in the middle level education program is contingent upon maintaining a NIU cumulative GPA of 2.50 or higher, having a grade of C or better in all professional education courses, and successful completion of all clinical experiences. All course requirements (in the major content area option and minor content area option) require a grade C or better.

Students who successfully complete the program will have completed all required ISBE and CAEP standards for educator licensure.

Professional Education Requirements (49)

ENGL 404 - Theory and Research in Written Composition for English Language Arts (3)
EPFE 201 - Education as an Agent for Change (3)
EPS 300 - Educational Psychology (3)
EPS 382 - Educational Participation in Clinical Experiences: Middle Level Education (1)
EPS 419 - The Middle School Child (3)
EPS 450 - Classroom Management (2)
ETRA 422 - Technology and Assessment for Secondary Education (4)
LTIC 420 - Methods and Materials for Teaching English Language Learners in the Content Areas (3)
LTRE 311 - Content Area Literacy Instruction (3)
LTLA 350 - Language Arts in the Middle School (3)
MATH 404 - Methods of Instruction in the Mathematics Curriculum for Middle School I (3)
MLTL 302 - Clinical Experience in Middle Level Curriculum and Instruction (1)
MLTL 303 - Clinical Experience in Middle Level Curriculum and Instruction (1)
MLTL 304 - Middle Level Curriculum and Instruction: Field Experience (1)
MLTL 432 - Methods and Materials of Instruction for Middle School Social Science (3)
MLTL 485 - Student Teaching (11)
SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)
TLCI 422 - Middle School Organization and Instruction (3)

One of the following in the major content area (3)
GEOL 483/BIOS 402X/CHEM 493X/ENVS 483X/PHYS 493X - Interdisciplinary Teaching of Science in Secondary Education (3)
LTLA 350 - Language Arts in the Middle School (3)
MATH 404 - Methods of Instruction in the Mathematics Curriculum for Middle School I (3)
MLTL 432 - Methods and Materials of Instruction for Middle School Social Science (3)

Requirements for Endorsement in One of the Following Major Content Areas:
SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

**Major Content Area Option: English Language Arts (33)**
- ENGL 200 - Literary Study: Research and Criticism (3)
- ENGL 207 - Fundamentals of English Grammar (3)
- ENGL 300 - Advanced Essay Composition (3)
- ENGL 310 - Literary Classics (3)
- ENGL 315 OR ENGL 407 - Shakespeare (3)
- ENGL 322 - Language in American Society (3)
- ENGL 479 - Theory and Research in Literature for English Language Arts (3)
- ENGL 480 - Materials and Methods for Teaching English Language Arts (3)
- LTLA 363 - Young Adult Literature in a Multicultural Society (3)
- One of the following in American Literature (3)
  - ENGL 330 - American Literature to 1830 (3)
  - ENGL 331 - American Literature: 1830-1860 (3)
  - ENGL 332 - American Literature: 1860-1920 (3)
  - ENGL 333 - American Literature: 1920-1960 (3)

**Major Content Area Option: Mathematics (29-31)**
- MATH 155 - Trigonometry and Elementary Functions (3)
- MATH 229 - Calculus I (4)
- MATH 302 - Introduction to Geometry (3)
- MATH 303 - Introduction to Number Theory (3)
- MATH 410 - Methods of Instruction in the Mathematics Curriculum for Middle School (3)
- MATH 416 - Topics in Mathematics for Teachers (3)
- STAT 301 - Elementary Statistics (4)
- Two of the following:
  - MATH 210 - Finite Mathematics (3)
  - MATH 230 - Calculus II (4)
  - MATH 232 - Calculus III (4)
  - MATH 304 - History of Mathematics through the 17th Century (3)
  - MATH 336 - Ordinary Differential Equations (3)
  - MATH 360 - Model Building in Applied Mathematics (3)

**Major Content Area Option: Science (33)**
- BIOS 208 - Fundamentals of Cellular Biology (3) AND BIOS 210 - Fundamentals of Cellular Biology Laboratory (1)
- BIOS 209 - Fundamentals of Organismal Biology (3) AND BIOS 211 - Fundamentals of Organismal Biology Laboratory (1)
- PHYS 495/GEOM 495X/GEOL 495X - Teaching of Physical Sciences (3)
- CHEM 210 - General Chemistry I (3) AND CHEM 212 - General Chemistry Laboratory I (1)
SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

p. 7 of 11

CHEM 211 - General Chemistry II (3) AND CHEM 213 - General Chemistry Laboratory II (1)
GEOL 120 - Introductory Geology (3) AND GEOL 121 - Introductory Geology Laboratory (1)
GEOL 475/BIOS 484X/ENVS 475X/PHYS 490X - Science across Time and Culture (2)
PHYS 210 - General Physics I (4)
PHYS 211 - General Physics II (4)

Major Content Area Option: Social Science (34)

ECON 425 - Economic Education (3)
  OR ECON 160 - Contemporary Economic Issues (3)
GEOG 101 - Survey of Physical Geography (3)
GEOG 102 - Survey of Physical Geography (1)
GEOG 202 - World Regional Geography (3)
HIST 170 - World History I: Problems in the Human Past (3)
HIST 171 - World History II: Problems in the Human Past (3)
HIST 260 - American History to 1865 (3)
HIST 261 - American History since 1865 (3)
HIST 359 - History of Illinois (3)
HIST 496 - History and Social Science Instruction for Secondary Educators (3)
POLS 100 - American Government and Politics (3)
POLS 150 - Democracy in America (3)

Requirements for Endorsement in One of the Following Minor Content Areas:

Minor Content Area Option: English Language Arts (24)

ENGL 200 - Literary Study: Research and Criticism (3)
ENGL 207 - Fundamentals of English Grammar (3)
ENGL 300 - Advanced Essay Composition (3)
ENGL 322 - Language in American Society (3)
ENGL 480 - Materials and Methods of Teaching English Language Arts (3)
LTLA 363 - Young Adult Literature in a Multicultural Society (3)
LTRE 305 - Teaching Reading in the Middle Schools (3)

One of the following (3)

ENGL 315 OR ENGL 407 - Shakespeare (3)
ENGL 413 - The Romantic Period (3)
ENGL 414 - The Victorian Age (3)
ENGL 470 - The English Novel to 1900 (3)

Minor Content Area Option: Mathematics (26)

MATH 155 - Trigonometry and Elementary Functions (3)
MATH 229 - Calculus I (4)
MATH 302 - Introduction to Geometry (3)

Deleted: One of the following (3)

ENGL 315 OR ENGL 407 - Shakespeare (3)
ENGL 413 - The Romantic Period (3)
ENGL 414 - The Victorian Age (3)
ENGL 470 - The English Novel to 1900 (3)
SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

MATH 303 - Introduction to Number Theory (3)
MATH 404 - Methods of Instruction in the Mathematics Curriculum for the Middle School I (3)
MATH 410 - Methods of Instruction in the Mathematics Curriculum for the Middle School (3)
MATH 416 - Topics in Mathematics for Teachers (3)
STAT 301 - Elementary Statistics (4)

Minor Content Area Option: Science (24)
BIOS 208 - Fundamentals of Cellular Biology (3) AND BIOS 210 - Fundamentals of Cellular Biology Laboratory (1)
BIOS 209 - Fundamentals of Organismal Biology (3) AND BIOS 211 - Fundamentals of Organismal Biology Laboratory (1)
BIOS 402X/CHEM 493X/ENVS 483X/GEOL 483/PHYS 493X - Interdisciplinary Teaching of Science in Secondary Education (3)
BIOS 484X/CHEM 490X/ENVS 475X/GEOL 475/PHYS 490X - Science across Time and Culture (2)
CHEM 210 - General Chemistry I (3) AND CHEM 212 - General Chemistry Laboratory I (1)
GEOL 120 - Introductory Geology (3) AND GEOL 121 - Introductory Geology Laboratory (1)
PHYS 150 - Physics (3)
OR PHYS 210 – General Physics I (3)

Minor Content Area Option: Social Science (25)
GEOG 101 - Survey of Physical Geography (3)
GEOG 102 - Survey of Physical Geography Laboratory (1)
GEOG 202 - World Regional Geography (3)
HIST 170 - World History I: Problems in the Human Past (3)
HIST 171 - World History II: Problems in the Human Past (3)
HIST 260 - American History to 1865 (3)
HIST 261 - American History since 1865 (3)
HIST 496 - History and Social Science Instruction for Secondary Educators (3)
POLS 100 - American Government and Politics (3)

Minor Content Area Option: Family and Consumer Science (26)
FCNS 152 - Fiber and Fabric Analysis I (3)
OR FCNS 258 - Introduction to the Fashion Industry (3)
FCNS 200A - Principles of Food Preparation (3) and current State of Illinois Sanitation Certificate
FCNS 200B - Food Preparation Laboratory (2)
FCNS 201 - Human Nutrition (3)
OR FCNS 405 - Child Health and Nutrition (3)
FCNS 207 - The Consumer (3)
FCNS 230 - Child Development (3)
OR FCNS 280 - Human Development, the Family, and Society (3)
SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

p. 9 of 11

- FCNS 240 - Teaching and Learning in Family and Consumer Sciences Education (3)
- FCNS 284 - Introduction to Family Relationships (3)
- FCNS 450 - Workshop in Family, Consumer, and Nutrition Sciences (3)

Minor Content Area Option: Health Education (24)
- PHHE 206 - Contemporary Health Concepts (3)
- PHHE 220 - Introduction to Health Education (3)
- PHHE 300 - Health Education in the Middle and High School (3)
- PHHE 400 - Methods and Materials in School Health Education (3)
- PHHE 402 - Community Health Programs and Issues (3)
- PHHE 404 - Drug Education (3)
- PHHE 406 - Sexuality Education (3)
- PHHE 408 - Mental and Emotional Health (3)

All other licensure content areas are K-12 and will specify 24-26 credit hours (including a methods class) for a minor content area option.

Additional Endorsement Option: Bilingual/ESL (18)
- LTIC 301 - Teaching with a Multicultural Perspective (3)
- LTIC 400 - Introduction to Teaching English Language Learners (3)
- LTIC 420 - Methods and Materials for Teaching English Language Learners in the Content Areas (3)
- LTIC 435 - Teaching English Language Learners in Bilingual Programs: Methods and Materials (3)
- LTIC 445 - Applied Linguistics for Teachers of English Language Learners (3)
- LTIC 447 - Assessment of English Language Learners (3)

Total hours for a Major in Middle Level Teaching and Learning: 102-109

BOT 3/12/15, ISBE 2/5/16, IBHE 3/22/16, CUC 2/5/15, UCC 2/12/15
SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

COLLEGE OF LIBERAL ARTS AND SCIENCES

Environmental Studies

This emphasis is designed to give students broad exposure to how the environment is represented and researched in the social sciences and humanities. This includes a wide-ranging examination of environmental issues through time and from diverse perspectives in order to provide students the ability to better understand and critically assess contemporary environmental challenges. An underlying theme is the critical examination of the notion of sustainability as a potential principle underlying and guiding human interaction with the environment. Throughout the emphasis, issues of sustainability as they relate to rural/urban linkages will be emphasized.
In this emphasis, students will study environmental issues through time and from diverse perspectives, preparing them to better understand and critically assess contemporary environmental challenges. The emphasis gives students broad exposure to how the environment is represented and researched in the social sciences and humanities. Throughout the emphasis, students will critically examine the notion of sustainability as a potential principle underlying and guiding human interaction with the environment. Students will investigate local and global manifestations of environmental problems and explore how rural/urban linkages influence sustainability.

Pres. Baker 2/24/16, CUC Section B 11/12/15, UCC 12/3/15

BOT Other Catalog Change Undergraduate Catalog

Emphasis 5. Non-Government Organization (33-34)
This emphasis is linked with environmental or energy issues.

Requirements outside Environmental Studies (9)
CLCE 100 - Community Leadership and Civic Engagement (3)
CLCE 410 - Nonprofit and Community Engagement (3)
POLS 326 - Nonprofit Management (3)
OR PSPA 326X - Nonprofit Management (3)
Select three of the following foundations courses (9)
ANTH 329 - Anthropology and Contemporary World Problems (3)
† PSPA 402 - Resource Strategies for Nonprofit Organizations (3)
OR MGMT 402X - Resources Strategies for Nonprofit Organizations (3)
Select at least two of the following communication and writing courses (6)
COMS 301 - Introduction to Persuasion Theory (3)
SECTION C – Items previously in Section B, now reported for inclusion in the 2016-17 Undergraduate Catalog

Select one of the following science, engineering, and technology courses (3-4)
BIOS 106 – Environmental Biology (3)

Select two of the following humanities and social sciences courses (6)
ANTH 343 – Extinction: Where the Wild Things Were (3)
OR ENVS 343X – Extinction: Where the Wild Things Were (3)
SOCI 364 – Environmental Sociology (3)

Emphasis 6. Water Sciences (37-41)
Emphasis 7. Educator Licensure - Environmental Science (95)

Center for Non-Governmental Organization and Leadership Development

Major in Community Leadership and Civic Engagement (B.A. or B.S.)
Emphasis 2. Arts and Humanities Culture
Emphasis 3. Social Enterprise