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COLLEGE OF BUSINESS

Department of Operations Management and Information Systems

BOT  Other Catalog Change:        Page 71, 2015-16 Graduate Catalog

Master of Science in Management Information Systems

The M.S. program in management information systems prepares students to assume leadership roles in the area of business information systems. The program effectively integrates the technical area of computer technology with business processes. The purpose of the program is to expose students to current information technologies and the application of contemporary information management theories.

The program consists of two phases. Phase One is designed to address deficiencies in undergraduate course work considered to be prerequisite for the Phase Two (30 semester hours) graduate course work. Students with significant undergraduate course work in business may be waived from some, or all, of the Phase One requirements. Exemption exams are also available to waive Phase One requirements. There is no charge for the exam, however, a student may only attempt each exam once.

Phase Two consists of 10 courses, seven of which are required of all majors and three of which consist of elective courses selected by the student with the approval of the academic program coordinator. Whereas the required courses ensure an in-depth exposure to important management information systems issues and technology, the elective courses enable the student to survey related areas or to focus in a particular area of his or her choice. Moreover, the focus can also be achieved through selecting courses from the Business Analytics Specialization and/or SAP and Business Enterprise Computing Specialization offered in the program.

The student is required to complete a minimum of 30 semester hours of approved graduate work beyond Phase One and the baccalaureate degree. Of these 30 semester hours, 21 must be in classes reserved exclusively for admitted graduate students. Students-at-large are prohibited from registering for graduate business courses without departmental approval. The total credit from courses taken for graduate credit at other accredited institutions which are accepted in transfer plus credit earned at NIU as a student-at-large may not exceed 9 semester hours.

Each MIS student will not be allowed to take more than 12 credit hours per semester.

Master of Science in Management Information Systems Learning Goals and Objectives

Phase One
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

Phase Two - Required Courses (21)
The student is required to complete a minimum of 30 semester hours of approved graduate work beyond Phase One and the baccalaureate degree. Of these 30 semester hours, 21 must be in classes reserved exclusively for admitted graduate students. Students at large are prohibited from registering for graduate business courses without departmental approval. The total credit from courses taken for graduate credit at other accredited institutions which are accepted in transfer plus credit earned at NIU as a student-at-large may not exceed 9 semester hours.

Required Courses
With approval of the academic program coordinator, other courses may be substituted for a maximum of 9 semester hours of Phase Two course work.

OMIS 599 – Degree Completion Seminar (0)
OMIS 690 – Information Technology Project Management (3)

Phase Two - Electives (9)
Electives may be selected with the approval of the academic program coordinator from among relevant graduate offerings in the department or elsewhere in the university.

OMIS 605 - Independent Study in Information Systems (3)
OMIS 653 - Enterprise Systems Configuration with SAP (3)
OMIS 661 - Business Intelligence Applications and Tools (3)
OMIS 665 - Big Data Analytics for Business (3)
OMIS 670 - Social Media Analytics for Business (3)
OMIS 682 - Advanced Networking and Network Security (3)
OMIS 694 - Advanced Topics in Information Systems (3)
OMIS 695 - Internship in Management Information Systems (3)
OMIS 698 - Projects in Management Information Systems (3)

A specialization is not required to complete the MIS program. But students may choose one or two following specializations in the program.

Specialization in Business Analytics Specialization (9)
The specialization in Business Analytics specialization is for the 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, t-This
Specialization in Business Analytics Specialization consists of the following courses:
OMIS 665 - Big Data Analytics for Business (3)
OMIS 670 - Social Media Analytics for Business (3)
OMIS 694 - Advanced Topics in Information Systems (3) (For the specialization in Business Analytics, students must take the topic: Seminar of Research Methodologies and Applications in Business Analytics.)

Students who choose this specialization will use the above three courses to serve the Phase Two Elective requirement.

Specialization in SAP and Business Enterprise Computing Specialization consists of the following courses:
OMIS 643 - Enterprise Process Improvement (3)
OMIS 653 - Enterprise Systems Configuration with SAP (3)
OMIS 661 - Business Intelligence Applications and Tools (3)

Students who choose this specialization will use OMIS 653, OMIS 661, and one of the elective courses to serve the Phase Two Elective requirement.

COLLEGE OF EDUCATION

All University Sections

Directory for Correspondence

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Graduate Degree Programs, Specializations, and Departments

Electrical Engineering: Donald S. Zinger, Ph.D., interim chair of department
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

Elementary Education: See Literacy and Elementary Education

Engineering Management: Purushothaman Damodaran, Ph.D., chair of department

Foreign Languages: Katharina Barbe, chair of department

Foundations of Education: See Leadership, Educational Psychology and Foundations

Geographical and Atmospheric Sciences: …. 

Admission to Graduate Study

Graduate Record Examinations (GRE)

Applicants to graduate programs in curriculum and instruction, early childhood education, educational psychology, elementary education, foundations of education, instructional technology, and literacy education,…

Department of Leadership, Educational Psychology and Foundations

All University Sections

The Graduate School

Graduate Programs

Department of Leadership, Educational Psychology and Foundations

Master of Science in Education (M.S.Ed.)

Curriculum and Instruction

Educational Administration

Educational Psychology

Foundations of Education

School Business Management

BOT 3/20/17
Department of Leadership, Educational Psychology and Foundations (EPF, EPFE, EPS, LEBM, LEEA, TLCI)

The Department of Leadership, Educational Psychology and Foundations offers programs leading to degrees in curriculum and instruction, educational administration, educational psychology, foundations of education, and school business management.

Master of Science in Education
Curriculum and instruction
Educational administration
Educational psychology
Foundations of education
School business management

Master of Science in Education in Foundations of Education
This 33-semester master’s thesis.
The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Admission
An applicant may admission decision is made.

Student-at-Large, Study-Abroad, and Transfer Credit
Student-at-large abroad credit.

Advisement
A student is foundations of education.

Requirements
The M.S.Ed. in foundations of education requires a minimum of 33 semester hours as follows.
A course in research (3)
Foundations of education (EPFE) courses (12)
Elective course work selected in consultation with an adviser (12-15) The student may select one of the following three options to complete the program:
EPFE 699A—Master’s Thesis (6),
OR EPFE 699B—Master’s Project (6),
OR two additional courses in the foundations of education selected in consultation with advisor (6)
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

Students must successfully complete two graduate-level courses approved by adviser (6).

**Comprehensive Examination**
Students complete an culminating project.

BOT 2/16/17, GCCC 11/14/16 Section B

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**Doctor of Education in Educational Leadership and Policy Studies**

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

**Admission**

**Requirements**

**Specialization in Educational Leadership**
If the applicant holds an Ed.S. degree, the doctoral program requires a minimum of 33 semester hours as follows:

Course work in research understandings and skills, learning and development theories, and sociocultural analyses of education (15) (18)

Successful completion of a candidacy examination
LEEA 799 - Doctoral Research and Dissertation (15)

**Specialization in Educational Policy Studies**
For students without an Ed.S. degree, the doctoral program requires a minimum of 63 semester hours as follows:

Course work constituting common requirements in research understandings and skills, learning and development theories, and sociocultural analyses of education (15) (18)

Concentration course work in educational policy studies and research methods (27) (30)
Successful completion of a candidacy examination
LEEA 799 - Doctoral Research and Dissertation (15)

**Candidacy Exam**
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

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BOT 2/16/17 (new specializations), GCCC 11/14/16 Section B

Department of Literacy and Elementary Education

All University Section

The Graduate School

BOT Other Catalog Change Page 11, 2015-16 Graduate Catalog

Graduate Programs

Department of Literacy and Elementary Education Curriculum and Instruction

Master of Arts in Teaching (M.A.T.)

with specialization in

Elementary Education with initial licensure

Master of Science in Education (M.S.Ed.)

Elementary Education

Literacy Education

BOT 2/16/17

Department Section

BOT Other Catalog Change Page 119, 2015-16 Graduate Catalog

Master of Science in Education in Elementary Education

The major in elementary education degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Requirements

Majors in elementary education LTLA and TLEE courses.

Non-Thesis Option

TLEE 587—Teaching Practicum in Education Credits: 1-6

Thesis Option

Same as the non-thesis option except that a minimum of 6 semester hours in TLEE 699, Master’s Thesis, must be taken in lieu of TLEE 560 and TLEE 586/TLEE 587.

Comprehensive Examination
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

Students in the non-thesis defense.

BOT 2/16/17 (new specializations), GCCC 10/10/16 Section B

COLLEGE OF HEALTH AND HUMAN SCIENCES

School of Family and Consumer Sciences

All University Sections

The Graduate School

Graduate Programs

School of Family and Consumer Sciences

Master of Science (M.S.)

Applied Human Development and Family Sciences
with or without specialization in
Leadership in Aging Studies
Marriage and Family Therapy

Family and Consumer Sciences
with specializations in
Apparel Studies. Family and Consumer Sciences Education

BOT 2/16/17 (program addition and deletion), GCCC 11/14/16 Section B

School Section

Family and Consumer Sciences (HDFS)

The School of Family and Consumer Sciences offers a graduate program leading to the M.S. degree: the M.S. in applied human development and family sciences (with the option of a specialization in marriage and family therapy or leadership in aging studies). The school prepares ...Graduates have the necessary foundation for a career as well as further study.
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

School Section

Pres. Baker/BOT Other Catalog Change Page 176, 2016-17 Graduate Catalog

School of Family and Consumer Sciences (HDFS)

The School of Family ... Graduates have the necessary foundation for a career as well as further study.

Comprehensive Examination

Master of Science

Applied Human Development and Family Sciences

With or without specialization in Leadership in Aging Studies

Marriage and Family Therapy

Family and Consumer Sciences

Specialization in Apparel Studies

Specialization in Family and Consumer Sciences Education

Certificate of Graduate Study

Family and Child Development

BOT 2/16/17 (addition and deletion of programs), GCCC 11/14/16 Section B

BOT Other Catalog Change Page 177, 2016-17 Graduate Catalog

Master of Science in Applied Family and Child Studies

Special Requirements for FCNS 638

Specialization in Leadership in Aging Studies (33)

Introduction to the Specialization

The Specialization in Leadership in Aging Studies is intended for those interested in pursuing leadership positions in aging, including, but not limited to, long-term care, social services, service management, and research and evaluation. The program is designed to meet competencies outlined by the
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

Association for Gerontology in Higher Education as well as the needs of those intending to sit for the Illinois Nursing Home Administrator’s License. The foundation for the program is the systemic study of the development of individuals and families within an ecological and global framework. Note: The Illinois Nursing Home Administrators License also has specific experience requirements. See state of Illinois codes for further details.

Application Process
Students are admitted for the fall and spring semester each academic year. Preferred deadlines for application are March 1st (for summer/fall admission) or September 1st (for spring admission). The following documents are to be submitted:

- Completed application for admission to the NIU Graduate School (select Master of Science Applied Human Development and Family Sciences)
- Official transcripts from all undergraduate and graduate institutions to the NIU Graduate School
- GRE scores to the NIU Graduate School
- A personal/goals statement to the NIU Graduate School
- Two letters of recommendation to the NIU Graduate School
- A declaration form for the Specialization in Leadership in Aging Studies. The PDF form can be found on the HDFS-Human Development and Family Sciences website.

Admission
Upon admission into the program, students are required, within 30 days, to notify the area coordinator in writing of their intention to register for classes in the term for which they were admitted. Failure to do so may result in cancellation of admission.

An applicant is required to have a minimum of 6 semester hours of undergraduate courses in family relations and lifespan development or an equivalent course. A student may be required to remove deficiencies in the area of family relations and lifespan development by successfully completing designated courses. These deficiency courses should be completed during the first semester after admission to the specialization. Graduate students’ undergraduate deficiencies have to be met with a grade of B or better. Failure to do so may result in removal from the program.

A baccalaureate degree from an accredited institution is required prior to formal admission to the AHDFS program. All applicants must first be admitted to the Graduate School at NIU. Applicants must provide evidence of academic competence by a combination of GRE scores, undergraduate GPA, or the
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

Students applying for and admitted to the Specialization in Leadership in Aging Studies must also meet the requirements for admission and retention in the Master of Science in Applied Human Development and Family Sciences.

Special Requirements for Field Work in Gerontology
Prior to supervised field work, a criminal background check is required and other items may be requested by the external site. The Leadership in Aging Studies program may not be able to place students in supervised field work if they have a criminal record or positive drug screen results.

Thesis Option Requirements
Students choosing the thesis option must take a total of 6 semester hours of HDFS 699A, and must be continually enrolled for at least one (1) credit-semester hour for every semester once they begin their thesis study. Students choosing the thesis option complete the requirement through the successful oral thesis defense and acceptance of the thesis by the Graduate School. Students must be enrolled for thesis hours during the semester(s) during which they defend and submit their thesis to the Graduate School.

Non-Thesis Option Requirements: Comprehensive Examination
Students choosing a non-thesis option will fulfill the comprehensive examination requirement by successfully completing a proctored essay examination. Students choosing the thesis option fulfill the comprehensive examination requirement through the successful oral thesis defense and acceptance of the thesis by the Graduate School. Students must be enrolled in the semester in which the comprehensive examination is taken.

Students must complete the following required courses:

Required (33):
- ETR 521 - Educational Statistics I (3)
- OR ETR 522 - Educational Statistics II (3)
- OR BIOS 670 - Biostatistical Analysis (3)
- OR PYSC 604 - Analysis of Variance and Hypothesis Testing in Psychological Research (3)
- HDFS 600 - Seminar: Contemporary Issues in Human Development and Family Sciences (3)
- *HDFS 601 - Seminar in Human Development and Family Studies (3)
- HDFS 604 - Research Methods (3)
- **PHHE 533 - Principles of Long-Term Care Administration (3)
- **PHHE 653 - Financial Decision Making for Health Services Managers (3)
- **UHHS 568 - Leadership in Aging Services (3)
- *, **UHHS 565 - Theories and Issues in Aging Studies (3)

Three of the following (9):
- PHHE 510 - Coping with Death, Dying, and Loss (3)
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- HDFS 586 - Aging and the Family (3)
- HDFS 685 - Family Stress and Structural Diversity (3)
- UHHS 567 - Fieldwork in Gerontology (3)

Additional course work may be taken from the following:
- HDFS 632 - Internship in Community Programs-Family Social Services (3)
- HDFS 710 - Teaching College-Level Human Development and Family Sciences (1-3)

* HDFS 601 and UHHS 565 should be completed in the first year of enrollment in the specialization.

**Course work required to sit for the examination to be licensed as a Nursing Home Administration in Illinois and includes satisfactory completion of an undergraduate course work in accounting.

Specialization in Marriage and Family Therapy

BOT 2/16/17, GCCC 11/14/16 Section B

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Master of Science in Family and Consumer Sciences

Comprehensive Examination

Requirements

Specialization in Apparel Studies

Specialization in Family and Consumer Sciences Education

BOT 2/16/17, GCCC 11/14/16 Section B

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Foreign Languages and Literatures

All University Sections
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

The Graduate School

Other Catalog Change Page 11, 2016-17 Graduate Catalog

Graduate Programs

Department of Foreign Languages and Literatures
Master of Arts (M.A.)

Foreign Languages
with specialization in
French
Spanish

BOT 2/16/17, GCCC 11/14/16 Section B

Directory for Correspondence

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Graduate Degree Programs, Specializations, and Departments

Foundations of Education: See Leadership, Educational Psychology and Foundations

French: Frances Jaeger, Ph.D., departmental coordinator of specialization

Geography: Michael Konen, Ph.D., departmental coordinator of graduate studies

BOT 2/16/17, GCCC 11/14/16 Section B

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Baker/BOT

Department of Foreign Languages and Literatures (FL--)

The Department of Foreign Languages and Literatures offers a graduate program leading to the M.A. degree in Spanish. Students may pursue a specialization in French or Spanish. The program permits selective enhancement of … ….

Master of Arts in Spanish
SECTION C – Items previously in Section B, now reported for inclusion in the 2017-18 Graduate Catalog

Requirements
Students are required to complete a minimum of 30 semester hours of graduate credit. Students are required to complete a specialization in French or Spanish. A student’s program of courses should be formally approved by the graduate coordinator early in the program of study.

Specialization in French

Practicum/Thesis (3)
FLFR 590 – Practicum in French (3),
OR FLFR 699 – Master’s Thesis in French (1-3)

BOT 2/16/17 (specialization deletion), GCCC 3/20/17 Section C

Department of Geography

All University Sections

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School of Public and Global Affairs 206
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Foreign Languages and Literatures 241
Geography Geographic and Atmospheric Sciences 247
Geology and Environmental Geosciences 252
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The Graduate School

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College of Liberal Arts and Sciences
↓
Department of Geography Geographic and Atmospheric Sciences
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Directory for Correspondence

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Interdisciplinary Academic Centers, Institutes, and Courses

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Inter-College Interdisciplinary Certificates

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Homeland Security

Environmental and Hazards Risk Assessment Track (15-18)
Coordinators: Andrew Krmenec, David Changnon, Department of Geography

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College Section

Dean: Christopher K. McCord, Ph.D.

Department of Geography

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Department Section

Department of Geography

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COLLEGE OF VISUAL AND PERFORMING ARTS

School of Art and Design

All University Sections

The Graduate School
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Baker/BOT

College of Visual and Performing Arts
School of Art and Design
Master of Arts (M.A.)
with specialization in
Art History Research
    Art History Teaching at the Two-Year College Level
    Studio Art

BOT 2/16/17 (new specialization), GCCC 11/14/16 Section B

School Section

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Baker/BOT

School of Art and Design
↓
The M.S. in art with a specialization in art education is designed for those students who wish to prepare for a specialist role in art education in addition to classroom teaching. The M.A. is designed for those students who wish to pursue a specialization in studio art, preliminary study for the doctoral degree in art history (for those intending to become professional scholars and researchers in art history including teaching at the 4-year college or university level) or preparation for teaching art history at the two-year college level. or art history. The M.F.A. is primarily designed for and directed toward students who desire to achieve a current, high-level professional mastery in a discipline related to the fine visual arts or design. The M.F.A. is a terminal degree in the field of art.
↓

BOT 2/16/17, GCCC 11/14/16 Section B

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Baker/BOT

Master of Arts in Art
↓
Specialization in Art History Research
↓
Continuous enrollment in ARTH 699A or ARTH 699B is required until work is completed.

Specialization in Art History Teaching at the Two-Year College Level
The specialization in art history teaching at the two-year college level provides preparation for teaching at the two-year college level where the Ph.D. doctoral degree is not required. Applicants with little background in art history but who have done exceptionally well as undergraduates in other disciplines will also be considered. Students in the specialization in Master of Arts art history teaching at the two-year college level specialization program must complete: complete a minimum of 30 semester-hours of graduate work; complete two qualifying essays; pass a comprehensive exam; and demonstrate a reading knowledge of one modern foreign language. Students who have not taken ARTH 486 as an undergraduate must take ARTH 586.

ARTH 701 - Seminar in Art History (6)
Art history electives (minimum—21)
—including two courses from each of the following areas:
Ancient, Middle Eastern, Medieval, and Early Modern Europe
American, Modern, Contemporary, and Design
Asian, African, Oceanian, Native American, Pre-Columbian, and Latin American
ART 780 - Teaching Art at the College Level: Internship (3)