

Received by the Graduate Council—March 4, 2019

GRADUATE COUNCIL CURRICULUM COMMITTEE
Third Meeting 2018-19 Academic Year
February 11, 2019

SECTION A – Recorded for inclusion in the 2019-20 Graduate Catalog

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All University Section

Interdisciplinary Academic Centers and Courses

New Course Graduate Catalog

CIP: 30.99

UNIV 602. CAREER PREPARATION FOR THE JOB MARKET (0-1). Career preparation to transition into the job market for mid- to late-phase graduate students. Students will (1) develop a well-structured resume, (2) acquire skills to tailor cover letters to job postings, (3) evaluate their interpersonal skills, and (4) engage in practice interviews. Significant course outcomes include creating a functionalized resume and cover letter targeting a job of interest, engaging in a mock interview, and creating a job market plan. S/U grading. PRQ: Admission to a graduate degree program.

COLLEGE OF EDUCATION

Department of Counseling, Adult and Higher Education

All University Section

A Guide to Reading This Catalog

Other Catalog Change Graduate Catalog

Course Designators

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~~CAHA – Adult and Higher Education~~

CAHC – Counseling

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HDFS – Human Development and Family Sciences

HESA – Higher Education and Student Affairs

HIST – History

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College Section

Course Revisions Page 87-88, 2018-19 Graduate Catalog

~~CAHA~~ **HESA** 586. INTERNSHIP IN ~~ADULT AND HIGHER EDUCATION~~ **AND STUDENT AFFAIRS** (1-3 ~~3-9~~). Work individually or in small groups in a practical situation under the guidance of a

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staff member from that setting and a university supervisor. May be repeated to a maximum of 6 15 semester hours., although typically only 9 semester hours may be applied to the program of study. S/U grading. PRQ: Admission to the master's program in adult and higher education and student affairs and consent of department.

~~CAHA~~ **HESA** 590. WORKSHOP IN ~~ADULT AND~~ HIGHER EDUCATION **AND STUDENT AFFAIRS** (1-3). Designed for teachers, counselors, and administrators to study contemporary issues in ~~adult and~~ higher education and student affairs. May be repeated to a maximum of 12 semester hours when content varies. Enrollment in more than one section of this course during a semester is permitted. PRQ: Consent of department.

~~CAHA~~ **HESA** 597. INDEPENDENT RESEARCH IN ~~ADULT AND~~ HIGHER EDUCATION **AND STUDENT AFFAIRS** (1-6). Independent research at the master's degree level under faculty supervision. May be repeated to a maximum of 6 semester hours. PRQ: Admission to master's degree program and consent of faculty member who will direct research.

~~CAHA~~ **HESA** 598. ISSUES **CAPSTONE** IN ~~ADULT AND~~ HIGHER EDUCATION **AND STUDENT AFFAIRS** (3). Integration and synthesis of the concepts, principles, trends, and issues in ~~adult and~~ higher education and student affairs. Completion of a capstone writing experience for the master's degree in ~~adult and~~ higher education and student affairs. Not open to doctoral students in the field of ~~adult and higher education~~. May be repeated to a maximum of 6 semester hours. PRQ: ~~CAHA 500, CAHA 501, and e~~ Completion of 24 27 semester hours in an approved master's level program, and consent of department. PRQ or CRQ: An approved research course.

~~CAHA~~ **HESA** 700. SEMINAR IN ~~ADULT AND~~ HIGHER EDUCATION **AND STUDENT AFFAIRS** (1-6). Advanced study and discussion of important issues relating to the field of ~~adult and~~ higher education and student affairs. Group and individual interests contribute to the design of the course. May be repeated to a maximum of 21 semester hours when topic varies. Enrollment in more than one section of this course during a semester is permitted. PRQ: Consent of department.

~~CAHA~~ **HESA** 710. EVALUATING ~~ADULT~~ **HIGHER** EDUCATION PROGRAMS (3). Advanced study of program design and evaluation methods necessary to analyze and improve programs in ~~adult~~ **higher** education effectively.

~~CAHA~~ **HESA** 720. REVIEW OF RESEARCH IN ~~ADULT AND~~ HIGHER EDUCATION (3). Comprehensive study of research literature in ~~adult and~~ higher education and related social science fields.

~~CAHA~~ **HESA** 721. APPLIED RESEARCH DESIGN IN ~~ADULT AND~~ HIGHER EDUCATION (3). Provides the opportunity to practice and apply research design skills to an active ~~adult and~~ higher education research project (e.g., pilot study, dissertation). Emphasis placed on providing instruction and guidance in planning, conducting, and reporting research and providing opportunity to conceptualize, operationalize, and develop an ~~adult and~~ higher education research project.

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~~CAHA~~ **HESA** 759. CRITICAL AND FEMINIST PEDAGOGIES IN ~~ADULT AND~~ HIGHER EDUCATION (3). Analysis of critical practice in the education of adults leading to personal and social transformation from the perspective of critical and feminist/womanist pedagogical theory.

~~CAHA~~ **HESA** 760. INTERNATIONAL ~~ADULT~~ **HIGHER** EDUCATION (3). Examination of the present status **and context** of ~~adult continuing~~ **higher** education in selected foreign countries. ~~Emphasis on scope, purposes, and development of adult continuing education institutes and programs~~ internationally.

~~CAHA~~ **HESA** 797. INDEPENDENT RESEARCH IN ~~ADULT AND~~ HIGHER EDUCATION (1- 6). Independent research at post-master's degree levels under faculty supervision. May be repeated to a maximum of 12 semester hours, although typically only 6 semester hours are applied to the program of study.

~~CAHA~~ **HESA** 798. RESEARCH SEMINAR IN ~~ADULT AND~~ HIGHER EDUCATION (1-3). Designed for the advanced doctoral student interested in planning and conducting research studies in ~~adult and~~ higher education. Research project may be an exploratory or pilot study related to the doctoral dissertation. May be repeated to a maximum of 6 semester hours. S/U grading. PRQ: Consent of department.

~~CAHA~~ **HESA** 799. DOCTORAL RESEARCH AND DISSERTATION (1-15). May be repeated, but no more than 30 semester hours may be applied toward the Ed.D. degree in ~~adult and~~ higher education. PRQ: Candidacy for the doctoral degree and consent of chair of doctoral committee.

Pres. Other Catalog Change Page 82-83, Graduate Catalog
Freeman

Doctor of Education in Adult and Higher Education

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Common Requirements (21)

ETR 521 - Educational Statistics 1 (3)

~~HESA-CAHA~~ 570 - Organization, Personnel Management, and Academic Administration (3)

~~HESA-CAHA~~ 702 - Philosophy of Postsecondary Education (3)

HESA 710 – Evaluating Higher Education Programs (3)

~~HESA-CAHA~~ 720 - Review of Research in Adult and Higher Education (3)

HESA 721 - Applied Research Design in Adult and Higher Education (3)

~~HESA-CAHA~~ 798 - Research Seminar in Adult and Higher Education (3)

~~HESA-CAHE~~ 770 - Administration of Higher Education (3)

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College Teaching

HESA 504 - Educating for Equity and Social Justice in Higher Education (3)

~~HESA-CAHA~~ 702 - Philosophy of Postsecondary Education (3)

HESA-CAHA 530 - Instructional Theory, Practice and Teaching in Postsecondary Education (3)

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- ~~CAHA~~ HESA 733 - Theory Building for Learning in Postsecondary Education (3)
- ~~CAHA~~ HESA 740 - Pedagogical Innovations and Student Learning (3)
- ~~CAHA~~ HESA 759 - Critical and Feminist Pedagogies in Adult and Higher Education (3)
Elective (3)

Community College Leadership

- ~~CAHA~~ HESA 555 - Seminar in the Community College (3)
- ~~CAHA~~ HESA 575 - Public Policy Studies in Higher Education (3)
- ~~CAHE~~ HESA 704 - Strategic Marketing and Enrollment Management (3)
- ~~CAHE~~ HESA 740 - Pedagogical Innovations and Student Learning (3)
- ~~CAHE~~ HESA 751 - Community College Students (3)
- ~~CAHE~~ HESA 771 - Legal Aspects of Higher Education Administration (3)
- ~~CAHE~~ HESA 772 - Financing in Higher Education (3)

Higher Education Administration

- ~~CAHA 562~~ HESA 504 - Educating for Equity and Social Justice in Higher Education (3)
- ~~CAHA~~ HESA 575 - Public Policy Studies in Higher Education (3)
- ~~CAHA~~ HESA 702 - Philosophy of Postsecondary Education (3)
- ~~CAHE~~ HESA 703 – Postsecondary Access in Higher Education (3)
- ~~CAHE~~ HESA 771 - Legal Aspects of Higher Education Administration (3)
- ~~CAHE~~ HESA 772 - Financing Higher Education (3)
Elective (3)

HESA CAHA 799 - Doctoral Research and Dissertation (12)

When students pass the required exams and are eligible for dissertation, they must remain continuously enrolled and take a minimum of 3 semester hours of dissertation hours (~~HESA CAHA~~ 799) per semester (spring, summer, and fall) to continue enrollment in the Ed.D. program.

Examinations

Students will need to successfully pass their candidacy examination prior to registering for ~~HESA CAHA~~ 799 -Doctoral Research and Dissertation. ... Graduate School.

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COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY

Department of Electrical Engineering

Other Catalog Change

2018-19 Graduate Catalog

Requirements for Accelerated B.S./M.S. Sequence

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~~This accelerated sequence leads to both the B.S. and M.S. degrees in electrical engineering and is open to all undergraduate electrical engineering majors who finished at least 90 semester hours of undergraduate work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.~~

~~All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.~~

~~Students seeking to qualify for the accelerated B.S. and M.S. sequence in electrical engineering must satisfy the following departmental requirements.~~

~~A minimum of 120 semester hours of course work must be taken including all undergraduate required courses. In addition, 30 semester hours that satisfy the chosen option must be taken for graduate credit.~~

~~Requirements for Graduates with a B.S. in Electrical Engineering listed above must be completed. Students' course work must be approved by their student advisers before they take any graduate courses.~~

This accelerated sequence leads to both the B.S. and M.S. degrees in electrical engineering and is open to all undergraduate electrical engineering majors who finished at least 90 semester hours of undergraduate work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

With this program, M.S. courses can be taken three semesters prior to earning the B.S. degree and have up to 18 ~~credits-semester hours~~ count towards both the M.S. and B.S. degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during their ~~Spring-spring~~ semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates~~s~~ and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedules~~s~~ approved by their faculty advisers~~s~~ each semester. Any deviation from an approved course schedule may delay graduation.

Department of Industrial and Systems Engineering

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Master of Science in Industrial and Systems Engineering

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Accelerated B.S./M.S. Sequence

This plan is open ... with a faculty adviser. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

Students in this sequence must satisfy all the requirements of the undergraduate industrial and systems engineering curriculum with the exception that Students can enroll no more than three terms in the accelerated program without completing the baccalaureate degree. Up to 18 9-semester hours of graduate credit may be applied towards the baccalaureate degree with the approval of included during the student's final undergraduate semester. These hours must be approved by the department.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedules approved by their faculty advisers each semester. Any deviation from an approved course schedule may delay graduation.

Specialization in Engineering Management (30)

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Other Catalog Change

Page 150, 2017-18 Graduate Catalog

Doctor of Philosophy in Industrial and Systems Engineering

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Course Requirements

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Core Courses (12)

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Electives (4833)

An additional 4833 semester hours of graduate coursework as electives. Elective courses can be graduate courses in Industrial and Systems Engineering and related disciplines outside the department. This may include up to 18 dissertation hours in addition to the required dissertation hours for students who have earned a Bachelor of Science in Industrial and Systems Engineering. All elective courses must be approved by the Graduate Studies Committee, in consultation with the faculty advisor and the chair of the department.

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Dissertation (2136)

A minimum of 2436 semester hours of ISYE 799, Doctoral Dissertation must be taken. The student must successfully pass the candidacy examination before taking ISYE 799.



Note: Revisions to this degree are effective upon final approvals for inclusion in the catalog.

Department of Mechanical Engineering

Other Catalog Change

2018-19 Graduate Catalog

Master of Science in Mechanical Engineering



Requirements for Accelerated B.S./M.S. Sequence

This accelerated sequence leads to both the B.S. and M.S. degrees in mechanical engineering and is available to all undergraduate mechanical engineering and mechatronics engineering majors who have finished at least

With this program, a student can take B.S. and M.S. courses simultaneously, up to three semesters before earning the undergraduate degree. One can have up to 18 credits semester hours count towards both the undergraduate and graduate degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the Spring-spring semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedules approved by their faculty advisers each semester. Any deviation from an approved course schedule may delay graduation.

University Honors students who are actively accumulating points through honors course work or Engage PLUS are guaranteed admission to the B.S./M.S. program.



COLLEGE OF HEALTH AND HUMAN SCIENCES

School of Health Studies

Course Revision

Page 185, 2018-19 Graduate Catalog

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PHHE 661. PUBLIC HEALTH POLICY AND LAW (3). Introduction to the policymaking and legal processes that underpin individual healthcare and public health systems the use of policy to solve public health problems, including the roles of ethics, advocacy, and evidence. Students gain Topics include skills to effectively assess and influence the policy change process. Development of a framework for analyzing public health policies. Case studies of current public health policy issues. Key ... school.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Geology and Environmental Geosciences

New Course

2018-19 Graduate Catalog

CIP: 40.0699

508. HAZWOPER CERTIFICATION (1). Hazardous waste operations and emergency response (HAZWOPER) certification is specifically designed for workers who are involved in clean-up operations, voluntary clean-up operations, emergency response operations, and storage, disposal, or treatment of hazardous substances or uncontrolled hazardous waste sites. This course covers topics included in 29 CFR 1910.120. S/U grading.

Department of Mathematical Sciences

Other Catalog Change

Page 262, Graduate Catalog

Department of Mathematical Sciences (MATH, STAT)

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The Department of Mathematical Sciences offers graduate programs leading to the M.S. in applied probability and statistics, the M.S. in mathematics, and the Ph.D. in mathematical sciences.

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Pres. Freeman 1/8/19, department name change