Graduate Curriculum
Approved by Graduate Council
2009 – 2010

September 22, 2009
1. Proposal from the Department of Music:
   - Create and add MUS 513 Theory Pedagogy to the Graduate Catalogue as a theory elective within the Master of Music programs.
   - Delete MUS 511 - 20TH-CENTURY MUSICAL STUDIES
   - Delete MUS 505 SEMINAR IN CHORAL MUSIC: PERFORMANCE PRACTICES AND STYLES
   - Delete MUS 506 SEMINAR IN INSTRUMENTAL MUSIC: PERFORMANCE PRACTICES AND STYLES
   - Delete MUS 551 SEMINAR IN MEDIEVAL THROUGH BAROQUE PERFORMANCE PRACTICES
   - Delete MUS 552 SEMINAR IN MODERN MUSIC: FORM AND STYLE: (1750-1980)
2a-d. Proposal from the School of Social Work
   - Create and add SOCWRK 561 ADVANCED CHILD WELFARE
   - Create and add SOCWRK 562 SCHOOL SOCIAL WORK
   - Create and add SOCWRK 563 ALCOHOLISM AND SUBSTANCE ABUSE
   - Create and add SOCWRK 564 AGING

October 6, 2009
1. Proposal from the Department of English
   - Add ENGL 592 PORTFOLIO (1 credit) Alternative Program 2
   - Revise Degree Requirement for Alternative Program 2 in the MA in Technical Communication

November 3, 2009
1. Proposals from the Department of Educational Technology
   - change the course title, course description, and semester offered for ED-TECH 552 OPERATING SYSTEMS AND NETWORKS
   - create ED-TECH 554 MANAGING TECHNOLOGY INTEGRATION IN SCHOOLS
2. Proposal from the Department of Curriculum, Instruction and Foundation Studies
   - change the course title, description, and semester offered for ED-CIFS 502, EDUCATION IN EMERGING NATIONS
3. Proposal from the Department of Special Education and Early Childhood Studies
   - remove ED-CIFS 580 INTERPRETING EDUCATIONAL RESEARCH from M.Ed. Option 2 in Early Childhood Studies
   - add ED-CIFS 503, FUNDAMENTALS OF EDUCATIONAL RESEARCH to M.Ed. Option 2 in Early Childhood Studies
   - change the required number of approved elective credits in M.Ed. Option 2 in Early Childhood Studies

November 17, 2009
1. Proposal from the Department of English
   - Add ENGL 592 PORTFOLIO for M.A. in English, English Literature
   - revise current catalog statement
2. Proposals from the Department of Special Education and Early Childhood Studies
   - Change title graduate degree program Master of Arts in Education, Early Childhood Studies to Master of Arts in Early Childhood Studies
   - Change semester offered ED-SPED 551, ED-SPED 552, and ED-SPED 554
3. Proposal from the Department of Music
   - Change degree requirements for Master of Music, Music Education by removing requirements for private lessons and ensembles
- Change minor wording to clarify requirements

4. Proposal from the Department of Instructional and Performance Technology
   - Create new graduate certificate in Workplace Instructional Design (NOI approved 10-26-09)
   - Create new course: IPT 547 ADVANCED INSTRUCTIONAL DESIGN FOR THE WORKPLACE

December 1, 2009

1. Proposal from the Department of Literacy
   - Change course description, prerequisite and title for ED-LTCY 550 CONTENT AREA LITERACY
   - Change course description for ED-LTCY 552 TECHNOLOGY AND LITERACY
   - Remove ED-CIFS 580 from degree requirements for M.A. in Education, Literacy
   - Add ED-DIFS 503 as option within degree requirements M.A. in Education, Literacy
   - Change total number of credits required for M.A. in Education, Literacy, from 34 to 34-35

2. Proposal from the Department of Curriculum, Instruction and Foundational Studies
   - Delete Comprehensive Examination and add ED-DIFS 600 Assessment (Capstone Course) for MA in Education, Curriculum and Instruction
   - Delete and Remove from degree options ED-CIFS 580 SELECTED TOPICS: INTERPRETING EDUCATIONAL RESEARCH from MA in Education, Curriculum and Instruction
   - Remove ED-CIFS 597 Special Topics from catalog statement
   - Add ED-CIFS 503 FUNDAMENTALS OF EDUCATION RESEARCH to requirements for MA in Education, Curriculum and Instruction

3. Proposal from the Department of Curriculum, Instruction and Foundational Studies (NOI not approved)
   - Change college of residency from the College of Arts and Sciences to the College of Education
   - Change program name from MS Earth Science Education to MS STEM Education
   - Change program requirements for MS Earth Science Education to be consistent with the mission and goals of the MS STEM Education.

December 15, 2009

1. Proposals from the Department of Anthropology
   - Add pre-requisite for ANTH 504 QUANTITATIVE METHODS IN ANTHROPOLOGY
   - Add pre-requisite for ANTH 520 QUATERNARY STRATIGRAPHY AND PALENENVIRONMENTS
   - Add pre-requisite for ANTH 521 NORTH AMERICAN PALENENVIRONMENTS

2. Proposal from the Department of Civil Engineering
   - Change semester offered for CE 512 HYDROGEOLOGY
   - Change semester offered for CE 516 HYDROLOGY

3. Proposal from the Department of Public Policy and Administration
   - Add pre-requisite/co-requisite of PUBADM 500 or department permission for PUBADM 501 PUBLIC POLICY PROCESSES
   - Add pre-requisite/co-requisite of PUBADM 500 or department permission for PUBADM 502 ORGANIZATIONAL THEORY
   - Add pre-requisite/co-requisite of PUBADM 500 or department permission for PUBADM 503 RESEARCH METHODS IN PUBLIC ADMINISTRATION
   - Add pre-requisite/co-requisite of PUBADM 500 or department permission for PUBADM 504 PUBLIC BUDGETING AND FINANCIAL ADMINISTRATION
   - Add pre-requisite/co-requisite of PUBADM 500 or department permission for PUBADM 505 PUBLIC PERSONNEL ADMINISTRATION

January 19, 2010

1. Proposals from the Department of English
   - Create ENGL 577 TEACHER RESEARCH IN LIBRARY, Part I (1 credit)
   - Create ENGL 578 TEACHER RESEARCH IN LIBRARY, Part II (2 credits)
2. Proposal from the Department of Educational Technology
   - Remove EDTECH 541 INTEGRATING TECHNOLOGY IN THE CLASSROOM CURRICULUM from the Graduate Certificate in School Technology degree requirements.
   - Add EDTECH 501 INTRODUCTION TO EDUCATIONAL TECHNOLOGY to the Graduate Certificate in School Technology degree requirements.
   - Add EDTECH 554 MANAGING TECHNOLOGY INTEGRATION IN SCHOOLS to the Graduate Certificate in School Technology degree requirements.

   **February 2, 2010**

1. Proposal from the Department of Biological Sciences
   - Add BIOL 605 APPLIED RAPTOR BIOLOGY to program requirements for Raptor Biology MS
   - Add BIOL 606 RAPTOR ECOLOGY to program requirements for Raptor Biology MS
   - Change number of elective courses required for the Raptor Biology MS to 13
   - Change semester offered for BIOL 606 RAPTOR ECOLOGY to Fall (Even years)

2. Proposal from the Department of Instructional Performance Technology
   - Catalog Description Change, Course Title Change, and Semester Offered Change for IPT 551 DESIGNING COMPUTER-BASED TRAINING

3. Proposal from the Department of Instructional Performance Technology
   - Create the following courses:
     - IPT 576 ORGANIZATIONAL CULTURE AND ALIGNMENT
     - IPT 577 CHANGE MANAGEMENT
     - IPT 578 DESIGNING SUSTAINABLE ORGANIZATIONS

4. Proposal from the Department of Instructional Performance Technology
   - Delete the project and nonthesis culminating activity options for M.S. degree in IPT requirements
   - Add IPT 592 as a requirement for students selecting the portfolio option for M.S. degree in IPT requirements

   **February 16, 2010**

1. Proposal from the Department of Kinesiology
   - Create KINES 573 (MHLTHSCI 573) PHYSICAL INTERVENTIONS

2. Proposal from the Department of Geosciences
   - Bifurcate and create MASTER OF EARTH SCIENCE, non-thesis graduate program (NOI approved 4-8-10)

   **March 2, 2010**

1. Proposal from the Department of Civil Engineering
   - Change course number for CE 530 VADOSE ZONE HYDROLOGY
   - Change course name and number for CE 533 CONTAMINANT TRANSPORT

2. Proposal from the Department of Kinesiology
   - Change course title, description, and credits for KINES 545 EXERCISE TESTING AND PRESCRIPTION

3. Proposal from the Department of Geosciences
   - Change course number for GEOS 530 (CE530) VADOSE ZONE HYDROLOGY
   - Change semester offered for GEOS 516 (CE516) (GEOPH 516) HYDROLOGY
   - Change semester offered for GEOPH 516 (CE 516) (GEOS 516) HYDROLOGY
   - Change course number, course name, and semester offered for GEOS 533 (CE 633) CONTAMINANT TRANSPORT
   - Change semester offered for GEOS 512 (CE 512) HYDROGEOLOGY

4. Proposal from the Department of Geosciences
   - Delete GEOS 542 CURRENT LITERATURE IN STRUCTURE AND TECTONICS
- Delete GEOS 552 NATURE OF SCIENCE
- Delete GEOPH 535 TECTONOPHYSICS
- Delete GEOPH 650 DESIGN OF GEOPHYSICAL WASTE SITE CHARACTERIZATION PROGRAMS
- Delete GEOPH 680 SELECTED TOPICS IN GEOPHYSICAL DATA ANALYSIS

5. Proposal from the Department of Geosciences
- Create GEOS 505 A MATLAB PRIMER FOR THE GEOSCIENCES
- Create GEOS 620 CONCEPTS AND METHODS OF HYDROLOGIC SIMULATION
- Create GEOS 535 INTRODUCTION TO GEOINFORMATICS
- Create GEOS 583 SELECTED TOPICS IN GEOMORPHOLOGY
- Create GEOS 584 SELECTED TOPICS IN TECTONICS
- Create GEOS 585 SELECTED TOPICS IN ISOTOPE GEOSCIENCE
- Create GEOPH 522 DATA ANALYSIS AND GEOSTATISTICS
- Create GEOPH 566 SNOW AND ICE PHYSICS
- Create 520 GEOPHYSICAL APPLICATIONS OF DIGITAL SIGNAL PROCESSING
- Create 667 SOIL AND ROCK PHYSICS

6. Proposal from the Department of Geosciences
- Change course number and prerequisite for GEOPH 410G BOREHOLE GEOPHYSICS
- Change course number, semester offered, course description, and prerequisite for GEOPH 525 EARTHQUAKE SEISMOLOGY
- Change number, title, prerequisite, course description, and semester offered for GEOPH 613 GEOPHYSICAL METHODS IN GEOTECHNICAL ENGINEERING

March 16, 2010

1. Proposal from the Department of Sociology
- Delete SOC 511 – THE SOCIOLOGY OF AGE GROUP STRATIFICATION
- Add SOC 572 – SOCIOLOGY OF AGING

Consent Agenda Items – The following items were unanimously approved by the Graduate Council

2. Proposal from the Department of Biological Sciences
- Remove BOT 311G PLANT DIVERSITY AND EVOLUTION from the graduate (and undergraduate) catalog.

3. Proposal from the School of Social Work
- Add Prerequisite to SOCWRK 516 ADVANCES PRACTICE WITH DIVERSE POPULATIONS

April 6, 2010

1. Proposal from the Department of Electrical and Computer Engineering
- Change catalog description for ECE 513 RF IC DESIGN
- Delete ECE 571 ELECTRIC MOTOR DRIVES
- Change title and course description for ECE 670 POWER SYSTEM DYNAMICS
- Create ECE 671 POWER SYSTEM DYNAMICS
- Create ECE 672 CONTROL OF ELECTRIC MACHINES
- Create ECE 630 DIGITAL SYSTEMS VERIFICATION

2. Proposal from the College of Business and Economics
- Catalog Description Change:
  MBA531, MBA532, MBA533, MBA535, MBA536, MBA537, MBA538, MBA539, MBA546
- Course Title Change for MBA 535
- Co-/Prerequisite Change:
  MBA531, MBA533, MBA534, MBA536, MBA539, MBA546, MBA574, MBA577
- Delete Existing Courses from catalog:
April 20, 2010

1. Proposal from the **Department of Counselor Education**
   - Create COUN 602 – ADVANCED THEORIES AND RESEARCH IN COUNSELING
   - Create COUN 606 – ADVANCED LIFESPAN DEVELOPMENT
   - Create COUN 607 – ADVANCED CAREER DEVELOPMENT AND VOCATIONAL COUNSELING
   - Create COUN 609 – ADVANCED CULTURALLY AWARE COUNSELING
   - Create COUN 611 – ADVANCED FAMILY SYSTEMS
   - Create COUN 613 –ADVANCED GROUP COUNSELING
   - Create COUN 614 – ADVANCED PRACTICUM
   - Create COUN 624 – ADVANCED SUPERVISION
   - Create COUN 626 – DOCTORAL INTERNSHIP
   - Create COUN 664 – PROFESSIONAL ORIENTATION TO COUNSELING LEADERSHIP

2. Proposal from the **Department of Educational Technology**
   - Create 581 SELECTED TOPICS: LEADERSHIP IN EDUCATIONAL TECHNOLOGY
   - Create 582 SELECTED TOPICS: EMERGING TRENDS IN EDUCATIONAL TECHNOLOGY
   - Create 583 SELECTED TOPICS: GLOBAL AND CULTURAL PERSPECTIVE IN EDUCATIONAL TECHNOLOGY
   - Create 584 SELECTED TOPICS: PROJECT MANAGEMENT IN EDUCATIONAL SETTINGS

3. Proposal from the **Department of Curriculum, Instruction and Foundational Studies, Ed.D. Program**
   - Create EDU 555 – ANALYSIS OF VARIANCE IN EDUCATIONAL RESEARCH
   - Create EDU 556 – MULTIPLE REGRESSION OF EDUCATIONAL DATA
   - Create EDU 654 – ADVANCED APPLICATIONS OF QUALITATIVE RESEARCH METHODS
   - Delete ED-CIFS 651 INTERMEDIATE STATISTICS IN EDUCATIONAL RESEARCH

4. Proposal from the **Department of Curriculum, Instruction and Foundational Studies, Ed.D. Program**
   - Change course prefix from ED-CIFS 610 to EDU 610 – THE AMERICAN CULTURE AND THE CONTEXT OF SCHOOLING
   - Change course prefix from ED-CIFS 650 to EDU 650 – ANALYSIS OF RESEARCH PERSPECTIVES
   - Change course prefix from ED-CIFS 652 to EDU 652 – QUANTITATIVE APPROACHES TO RESEARCH
   - Change prerequisite for EDU 552 - QUANTITATIVE APPROACHES TO RESEARCH
   - Change course prefix from ED-CIFS 653 to EDU 653 – QUALITATIVE APPROACHES TO RESEARCH

May 4, 2010

1. Proposals from the **Department of Psychology**
   - Create Graduate Certificate in Family Studies (NOI not approved)
   - Create PSYC 512 LIFESPAN HUMAN DEVELOPMENT
   - Create PSYC 514 DIVERSITY IN FAMILY STUDIES

2. Proposal from the **Department of Materials Science and Engineering**
   - Add MSE 518 PHASE TRANSFORMATIONS AND KINETICS to requirements for MS and ME option
   - Decrease the number of credits in “Other Graduate Courses” section in the catalog statement degree boxes to compensate for the addition of MSE 518 PHASE TRANSFORMATIONS AND KINETICS as a required course.
3. Proposal from the Department of Kinesiology
   - Delete the list of approved electives for each degree option (see list below) described in Graduate Catalog
   and replace with this statements: “A list of approved electives is available on the department website.”
   Degrees affected by proposed change:
   MSESS, Biophysical Studies
   MSESS, Behavioral Studies
   MSESS, Socio-historical Studies
   MK, Biophysical Studies
   MK, Behavioral Studies
   MK, Socio-historical Studies

4. Proposal from the Department of Kinesiology
   - Move and revise Master of Arts in Education, Curriculum & Instruction, Option: Physical Education
   Pedagogy program so that it is housed in the Department of Kinesiology (NOI not approved)
   - The current program with bifurcated into two programs Master of Science in Physical Education Pedagogy
   and Master of Kinesiology in Physical Education Pedagogy
   - Add ED-CIFS 537 INSTRUCTION THEORY as a required course
   - Reduce number of approved electives for the purpose of requiring six credits of elective courses in
   Kinesiology; students will have 12 credits of approved electives remaining.
   - Increase the total credit hours from 34 to 37

   End of curriculum approved in 2009-2010 academic year