MISSOURI S&T

MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Formerly University of Missouri-Rolla

Agenda
Campus Curricula Committee Meeting
February 1, 2012
12 p.m. Room 117 Fulton Hall

Approval of the January 04, 2012 minutes.

Review of submitted DC forms:
DC 0408, Computer Science, Ph.D., effective Fall 2012.

DC 0409, Computer Science, Master of Science, effective Fall 2012.

DC 0412, Arts, Languages, and Philosophy, Theatre Minor, effective Fall 2012.

Review of submitted EC forms:
EC 2392, Biological Science 201, Field Ecology, effective Summer 2012.

EC 2393, Statistics 301, Physics 301, Sci Edu and Quantitative Literacy for Middle School Teachers II, effective Summer 2012.

Tabled Items:
CC 8185, Geology 344, Remote Sensing Technology, effective Fall 2012. **Tabled**

New Business:
Review of the Academic Forgiveness Policy
Curricula Process Stream-Lining

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Effective Year: 2012   DC # *0408-2011-CS-000-00*
Effective Term: Summer ☐   **Fall** ☒   **Spring** ☐
(Creating or modifying a degree program must be effective for a Fall term)

Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:
Computer Science PhD graduate program

Department: Computer Science

Briefly describe action requested (Attach documentation as appropriate):

Existing description
Requirements for the Ph.D. in Computer Science include: Qualifier examination over graduate-level courses in core areas, Research Readiness presentation based on survey of current Computer Science Literature, Comprehensive examination, and Dissertation and Defense reporting the results of original research which meets the standards of current disciplinary journal-quality research publications.

New description
Requirements for the Ph.D. in Computer Science include: Qualifier examination over graduate-level courses in core areas, Research Readiness presentation based on survey of current Computer Science Literature, Comprehensive examination, and Dissertation and Defense reporting the results of original research which meets the standards of current disciplinary journal-quality research publications. In addition, PhD students are required to take graduate seminar course for three semesters in their PhD studies.

AND PASS THE   Cnp Sc 410

Recommended by Department: _____   Date: Dec 7, 11
                                        (Chair signature)

Recommended by: _Daniel Stib_____   Date: 1/12/2012
Discipline Specific Curricula Committee   (Chair signature)

Approved by Curricula Committee: _____   Date: _____
                                        (Chair signature)

Approved by Faculty Senate: _____   Date: _____
                                        (Chair signature)

(Revised 9/12/2011)

12/07/11

DC # *0409-2011- CS- 000-00*

Effective Year: 2012
Effective Term: Summer ☐   **Fall** ☒   **Spring** ☐
(Creating or modifying a degree program must be effective for a Fall term)

Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

Title of degree program, emphasis area, or minor:
Computer Science MS graduate program

Department: Computer Science

Briefly describe action requested (Attach documentation as appropriate):

Existing description:

M.S. in Computer Science
The M.S. degree is a 30 hour thesis or non-thesis program.

New description:

M.S. in Computer Science
M.S. in computer science (thesis and non-thesis) is a 31 credit hour program. M.S. students are required to take a graduate seminar course for one semester.

AND PASS THE   Cmp Sc 410

Recommended by Department: _____   Date: Dec 7, 11
                                        (Chair signature)

Recommended by: _____   Date: 1/12/2012
Discipline Specific Curricula Committee   (Chair signature)

Approved by Curricula Committee: _____   Date: _____
                                        (Chair signature)

Approved by Faculty Senate: _____   Date: _____
                                        (Chair signature)

(Revised 9/12/2011)

12/07/11

Effective Year: 2012   DC # *0412-2012-Theatre-000-00*
Effective Term: Summer ☐   **Fall** x☐   **Spring** ☐
(Creating or modifying a degree program must be effective for a Fall term)

Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

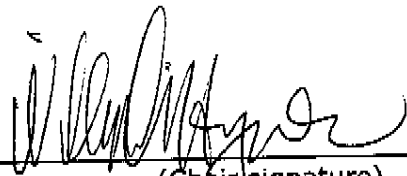**Title of degree program, emphasis area, or minor:**
Theatre Minor

Department: ALP

Briefly describe action requested (Attach documentation as appropriate):
To add Theatre Via Video (Th90) as a requirement for the Theatre Minor
The change in the catalogue should read:

Theatre Minor Curriculum

1) A minor in Theatre requires a minimum of 16 hours comprised
   of the following courses:
   A) Theatre 90-Theatre Via Video
   B) Theatre 141-Acting One
   C) Theatre 42 Stage Production-Performers or TH220-Theatre Ensemble
   D) Theatre 43-Stage Productions-Technicians
   E) Theatre 143 Stagecraft

   Section 2) of the catalogue description remains the same

Recommended by Department: _____   Date: *12/15/2011*
                                    (Chair signature)

Recommended by: _____   Date: *Jan. 3 2012*
Discipline Specific Curricula Committee   (Chair signature)

Approved by Curricula Committee: _____   Date: _____
                                    (Chair signature)

Approved by Faculty Senate: _____   Date: _____
                                    (Chair signature)

(Revised 9/12/2011)

12/15/11

EC File # *2392 - SS2012 - BioSci-201*

Effective Year: 2012
Effective Term: Summer ☒   **Fall** ☐   **Spring** ☐

Experimental Course Form (EC)

An EC form must be submitted before an experimental course is to be offered. EC forms approved SP2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: Biological Sciences

Discipline and Course Number: BioSci 201

Course Title: Field Ecology

Abbreviated Title (24 spaces or less): Field Ecology

Instructor(s): Dev Niyogi

Credit Hours: **Lecture:** 1   **Lab:** 1   **Total:** 2

Prerequisites: ~~None~~ *ANY BIOLOGY COURSE EXCEPT BioSci 102*

Semester(s) previously taught: 0

Brief Course Description: (40 words or less)
Field-based class designed to teach students applications of ecological research. Students will study distribution and abundance of organisms in aquatic and terrestrial systems in the Ozarks. Class runs 8am to 5pm for one week in May, and includes lectures and field sampling in the Rolla area.

List all co-listed courses: Include initials of Dept. Chair, if signature is not already included below.
1)   2)   3)

4)   5)   6)

Department Chair: _Robert S Aronstein_   Date: 12/9/11
                                    (Chair Signature)

Discipline Specific Curricula Committee: _Daniel Forte_   Date: 1/12/2012
                                    (Chair signature)

Curricula Committee: _____   Date: _____
                                    (Chair Signature)

(Revised 10/12/2010)

12/09/11

EC File # *2393-SS2012-Stat-301*

Effective Year: 2012
Effective Term: Summer ☒   Fall ☐   Spring ☐

Experimental Course Form (EC)

This form must be filed with the Secretary to the Campus Curricula Committee, after the department chair's notation, by the appropriate deadline. Filing deadlines for inclusion in the initial release of the Schedule of Classes are as follows:

Summer and Fall Semester Offerings – January 1
Spring Semester Offerings – August 1

An EC form must be submitted each semester it is to be offered, not to exceed two offerings. An experimental course that is required should be submitted on a CC form. *Co-listed offerings should be submitted on one form, originating from the primary discipline.*

Department: Mathematics and Statistics

Discipline and Course Number: Stat 301

Course Title: Sci Edu and Quantitative Literacy for Middle Sch Teachers II

Abbreviated Title (24 spaces or less): Sci Ed & QL Mid Sch II

Instructor(s): V. Samaranayake (Stat), O. Pringle (Physics)

Credit Hours: **Lecture:** 3   **Lab:**   **Total:** 3

Prerequisites: Current enrollment in a Teacher Education Program or a full or part-time teacher in a K-12 School

Semester(s) previously taught:

Brief Course Description: (40 words or less)
An integrated science-mathematics course for middle school teachers. Course covers selected science/mathematics topics/skills specified in Missouri standards for grades 5-7. Inquiry based methods of teaching these topics in an integratged manner will be emphasized.

List all co-listed courses: Include initials of Dept. Chair, if signature is not already included below.
1) Phy 301   2)   3)
4)   5)   6)

Department Chair: _____ (Chair Signature)   Date: 12-6-11

Discipline Specific Curricula Committee: _____ (Chair signature)   Date: 1/12/2012

Curricula Committee: _____ (Chair Signature)   Date: _____

(Revised 1/31/2008)

12/05/11

Effective Year: 2012
Term: Summer ☐   **Fall** ☒   **Spring** ☒

CC File # *8185-2011- Geol-344-32*

✓APP
Tabled

Course Change Form (CC)
This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)

New Course ☐   **Course Deletion** ☐   **Credit Hours** ☐   **Prerequisites** ☒
Course Title ☐   **Catalog Description** ☐   **Course Number** ☐   **Co-listing** ☐

Course Information (1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)

1. **Department:** Geological Sciences and Eng

2. **Discipline and Course Number:**   **Present :** Geo 344   **Proposed:**

3. **Course Title: Present:**   Remote Sensing Technology
              Proposed:

   Abbreviated Course Title:
              (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. **Catalog Description** (300 Character Spaces or Less.)
   Present:

   Proposed:

5. **If course requires field trip check box:** ☐

6. **Credit Hours:**   **Present:**   **Lecture:** 2.0   **Lab:** 1.0   **Total:** 3.0
                        Proposed: **Lecture:**   **Lab:**   **Total:**

7. **Prerequisites:**
   Present: Geo 248

   Proposed: Geo 51 or Geo 52 or GeoEng 50

8. **Required for Majors:** ☒   **Elective for Majors:** ☐

9. **Justification:**   Geo 248 "Fundamentals of GIS" course deals with vector-oriented analysis whereas
              Geo 344 deals with raster data, aerial photography and orbital remote sensing data.
              Only fundamental knoweldge of introductory geology is needed.

10. **Semesters previously offered as an experimental course (101, 201, 301, 401):**

11. **List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.**
    1) GeoENG 344 —2) ias ?   3)

    4)   5)   6)

Recommended by Department _____ _____   Date: 9/22/11
                              (Chair signature)
Recommended by Discipline Specific Curricula Committee _____   Date: 10/28/2011
                              (Chair signature)
Approved by Curricula Committee: _____   Date: _____
                              (Chair signature)
Approved by Faculty Senate: _____   Date: _____
                              (Chair signature)

(Revised 1/29/09)