

# Missouri State University Curricular Proposal Program Change or Deletion

Department Computer Science Date 2/3/2012

Title of Program Affected Computer Science (Non-Comprehensive)

Major  Comprehensive Major  Option  Minor  Certificate  Certification  Academic Rules  Other

Present Catalog Description (Cut and paste from web catalog or use most recent description.)	Revised Catalog Description (Cut and paste description again, strikethrough all deletions, and insert and bold new information.)
See attachment	See attachment

**What is changing? Check all boxes that apply.**

- Title change  From option to program (major)  Other \_\_\_\_\_  
 Course changes of under 18 hours  From program (major) to option  
 Course changes of 18 hours or more  Program or option deletion

**REASON FOR PROPOSED CHANGE**

Two other courses contain the correct extent of hardware and circuit design needed by the majority of modern computer science professionals. This course is not required by CSC's accreditation.

**COMPLETE NEW CATALOG INFORMATION (Typed)**

See attachment

Total Hours 75

**DEPARTMENT: Route according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty Senate. Forward three typed, originally signed forms to one of the following (please check all that apply and send to first council/committee marked).**

**If the program needs to go through more than one committee/council, forward one additional form for each additional council/ committee marked.**

- College Council** (Send all undergraduate program changes through College Council as first step before forwarding either to PEC, CGEIP, or directly to Faculty Senate)  
 **Professional Education Committee** (Considers all program changes affecting BS and MS in Education and Educational Specialist degrees)  
 **Committee on General Education and Intercollegiate Programs** (Considers all general education and multi-college program changes)  
 **Graduate Council** (Considers all graduate-level program changes)

Signature   
Department Head

Date 2/3/12

**Curricular Proposal Program Change or Deletion  
Attachment**

**Present Catalog Description**

**Majors**

**Computer Science (Non-Comprehensive)**

Bachelor of Science

- A. General Education Requirements - see General Education Program and Requirements section of catalog
- B. Major Requirements
  - 1. CSC 130(3), 131(4), 232(4), 320(4), 325(3), 333(4), 335(3), 450(3), 460(3), 482(1)
  - 2. Select nine additional hours from *eligible* CSC courses numbered 300 or above with at least six hours from courses other than CSC 399 and CSC 596.
  - 3. Related science and mathematics requirements: MTH 215(3), 261(5)\*, 280(5)\*, MTH 345(3) or 540(3); PHY 203(5)\*, 204(5), 220(4), 324(4); and one of the following courses: BIO 121(4)\*, BMS 110(4)\*, CHM 160(4)\*, GLG 110(4)\*, GRY 135(4)\*, GRY 142(4)\*  
*\* May also count toward General Education Requirements*
- C. Minor Required (NOTE: The major requirements for Computer Science automatically satisfy the requirements for a minor in Mathematics, and all but two hours of the requirements for a minor in Physics.)
- D. General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog

**Revised Catalog Description**

**Majors**

**Computer Science (Non-Comprehensive)**

Bachelor of Science

- A. General Education Requirements - see General Education Program and Requirements section of catalog
- B. Major Requirements
  - 1. CSC 130(3), 131(4), 232(4), 320(4), 325(3), 333(4), 335(3), 450(3), 460(3), 482(1)
  - 2. Select nine additional hours from *eligible* CSC courses numbered 300 or above with at least six hours from courses other than CSC 399 and CSC 596.
  - 3. Related science and mathematics requirements: MTH 215(3), 261(5)\*, 280(5)\*, MTH 345(3) or 540(3); PHY 203(5)\*, 204(5), 220(4), 324(4); and one of the following courses: BIO 121(4)\*, BMS 110(4)\*, CHM 160(4)\*, GLG 110(4)\*, GRY 135(4)\*, GRY 142(4)\*  
*\* May also count toward General Education Requirements*
- C. Minor Required (NOTE: The major requirements for Computer Science automatically satisfy the requirements for a minor in Mathematics, and all but two hours of the requirements for a minor in Physics.)
- D. General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog

COMPLETE NEW CATALOG INFORMATION (typed)

## Majors

### Computer Science (Non-Comprehensive)

#### Bachelor of Science

- A. General Education Requirements - see General Education Program and Requirements section of catalog
- B. Major Requirements
  - 1. CSC 130(3), 131(4), 232(4), 320(4), 325(3), 333(4), 335(3), 450(3), 460(3), 482(1)
  - 2. Select nine additional hours from *eligible* CSC courses numbered 300 or above with at least six hours from courses other than CSC 399 and CSC 596.
  - 3. Related science and mathematics requirements: MTH 215(3), 261(5)\*, 280(5)\*, MTH 345(3) or 540(3); PHY 203(5)\*, 204(5), 220(4); and one of the following courses: BIO 121(4)\*, BMS 110(4)\*, CHM 160(4)\*, GLG 110(4)\*, GRY 135(4)\*, GRY 142(4)\*  
*\* May also count toward General Education Requirements*
- C. Minor Required (NOTE: The major requirements for Computer Science automatically satisfy the requirements for a minor in Mathematics, and all but two hours of the requirements for a minor in Physics.)
- D. General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog

**Missouri State University  
Curricular Proposal Course Change or Deletion**

Department Computer Science

Date 2/3/2012

Check one: This is a change to X an existing COURSE  
       an existing REGULAR (i.e. permanent) SECTION of a variable content course

Present Catalog Description (Cut and paste from web catalog or use most recent description.)	Revised Catalog Description (Cut and paste description again, strikethrough all deletions, and insert and bold new information.)
<b>CSC 450 Introduction to Software Engineering</b> Prerequisite: CSC 325. Principles, techniques and tools used to effect the orderly production of medium and large scale computer programs will be studied. These techniques will be applied to programming projects with students working in teams and managing all phases of a programming project. 3(3-0) F,S	<b>CSC 450 Introduction to Software Engineering</b> Prerequisite: CSC 325 and <b>CSC 335</b> . Principles, techniques and tools used to effect the orderly production of medium and large scale computer programs will be studied. These techniques will be applied to programming projects with students working in teams and managing all phases of a programming project. 3(3-0) F, <del>S</del>

What is changing? Check all boxes that apply.

- Course Deletion   
  Course Code   
  Course Number   
  Title   
  Prerequisite  
 Credit Hours/Contact Hours   
  Periodicity   
  Description

**Reason for Proposed Change or Deletion**

Enrollment levels only justify one offering per year. Additional prerequisite will ensure student background and skills.

**How Did You Determine the Need For This Change or Deletion?**

Analysis of student enrollment patterns.

**COMPLETE NEW CATALOG INFORMATION (typed)**

**CSC 450 Introduction to Software Engineering**

Prerequisite: CSC 325 and CSC 335. Principles, techniques and tools used to effect the orderly production of medium and large scale computer programs will be studied. These techniques will be applied to programming projects with students working in teams and managing all phases of a programming project. 3(3-0) F

       Check if this is a **non-substantive** change. Distribution for non-substantive changes of 100- through 500-level courses: two originally-signed copies to Faculty Senate; 600- through 900-level courses: three originally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after approval.

**Substantive Change:** Department routes according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Forward three originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If proposal needs to go through more than one council/committee, forward one additional form for each additional council/committee marked. See Senate Action 11-93/94 for definitions of substantive/non-substantive changes.

- College Council**                      (All substantive course changes numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/council or directly to the Faculty Senate if no further committee approval is needed. The last level of committee/council will forward two originally signed copies to the Faculty Senate.)  
 **Professional Education Committee**                      (Considers all substantive course changes for Professional Education courses and Teaching Methods courses.)  
 **Committee on General Education and Intercollegiate Programs**                      (Considers all substantive course changes for General Education and Intercollegiate Program proposals.)  
 **Graduate Council**                      (Considers all 600-900 level course changes.)

Signature Kenneth Tolman  
 Department Head

Date 2/3/12

(Routing on Reverse Side)

# Missouri State University

## Curricular Proposal Course Change or Deletion

Department Geography, Geology & Planning Date January 23, 2012

Check one: This is a change to  an existing COURSE  
 an existing REGULAR (i.e. permanent) SECTION of a variable content course

Present Catalog Description (Cut and paste from web catalog or use most recent description.)	Revised Catalog Description (Cut and paste description again, strikethrough all deletions, and insert and bold new information.)
<b>GLG 796 Science Internship</b> Completion of an internship project (480 hours) at a discipline-related business, nonprofit organization, or government agency, approved and supervised by both the departmental and internship advisors. Includes a formal report in the appropriate professional format, and an oral presentation at an approved venue. Graded Pass/Not Pass only. No more than 6 hours may count toward a master's degree. 1-6 F,S,Su	<b>GLG 796 Science Internship</b> Completion of an internship project ( <del>480 hours</del> <b>80 hrs/credit hour</b> ) at a discipline-related business, nonprofit organization, or government agency, approved and supervised by both the departmental and internship advisors. Includes a formal report in the appropriate professional format, and an oral presentation at an approved venue. Graded Pass/Not Pass only. No more than 6 hours may count toward a master's degree. 1-6 F,S,Su

What is changing? Check all boxes that apply.

- Course Deletion       Course Code       Course Number       Title       Prerequisite  
 Credit Hours/Contact Hours       Periodicity       Description

**Reason for Proposed Change or Deletion**

To avoid confusion by defining the required number of hours of internship activity in terms of credit hours.

**How Did You Determine the Need For This Change or Deletion?**

Vote of GGP graduate faculty, upon recommendation of MNAS Oversight Committee

**COMPLETE NEW CATALOG INFORMATION (typed)**

**GLG 796 Science Internship**

Completion of an internship project (80 hrs/credit hour) at a discipline-related business, nonprofit organization, or government agency, approved and supervised by both the departmental and internship advisors. Includes a formal report in the appropriate professional format, and an oral presentation at an approved venue. Graded Pass/Not Pass only. No more than 6 hours may count toward a master's degree. 1-6 F,S,Su

Check if this is a **non-substantive** change. Distribution for non-substantive changes of 100- through 500-level courses: two originally-signed copies to Faculty Senate; 600- through 900-level courses: three originally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after approval.

**Substantive Change:** Department routes according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Forward three originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If proposal needs to go through more than one council/committee, forward one additional form for each additional council/committee marked. See Senate Action 11-93/94 for definitions of substantive/non-substantive changes.

**College Council**  
 \*for information only

(All substantive course changes numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/council or directly to the Faculty Senate if no further committee approval is needed. The last level of committee/council will forward two originally signed copies to the Faculty Senate.)

**Professional Education Committee**

(Considers all substantive course changes for Professional Education courses and Teaching Methods courses.)

**Committee on General Education and Intercollegiate Programs**

(Considers all substantive course changes for General Education and Intercollegiate Program proposals.)

**Graduate Council**

(Considers all 600-900 level course changes.)

Signature \_\_\_\_\_

*Thomas H. Olfelt*  
 Department Head

(Routing on Reverse Side)

Date \_\_\_\_\_

*1/24/2012*

FS Course Change - 9/10/2010

**Missouri State University**  
**CURRICULAR PROPOSAL**  
**NEW COURSE (or new REGULAR SECTION of an existing variable content course)**

Department Hospitality and Restaurant Administration

Date 02/23/12

Check one: XX New COURSE    \_\_\_ New REGULAR (i.e. permanent) SECTION of an existing variable content course. If a new regular section of an existing variable topics course, to what existing course is it to be attached? \_\_\_\_\_

**PROPOSED CATALOG DESCRIPTION**

HRA 710 Risk Management and Legal Compliance in the Hospitality Industry

Prerequisite: LAW 600 or equivalent. In-depth studies of legal issues pertinent to hospitality and tourism firms are the focus of this course. Topical areas include contracts, negligence, and employment, labor, and real estate law. Treaties and international law affecting global trade policy as well as international tourism development receive heavy emphasis. 3(3-0), D

**PURPOSE OF COURSE**

The purpose of this course is to enable students to recognize, analyze, and evaluate legal issues for the purpose of making appropriate employment and business-related decisions in the hospitality industry in an effort to manage risk. This is an elective course for those pursuing the Master of Business Administration degree.

**RELATIONSHIP TO OTHER DEPARTMENTS**

This is an elective course for those pursuing the Master of Business Administration degree.

**DEPARTMENT:** Route according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Attach New Course Resource Information form (FS 300a/05) and forward three typed, originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If the course needs to go through more than one council/committee forward one additional form for each additional council/committee marked.

- College Council** (All new course proposals numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/ council or directly to the Faculty Senate if no further committee approval is needed.)
- Professional Education Committee** (Considers all new courses affecting BS and MS in Education and Educational Specialist degrees)
- Committee on General Education and Intercollegiate Programs** (Considers all general education and multi-college new course proposals)
- Graduate Council** (Considers all 600-, 700-, and 800-level new courses)

\*If the course needs to go through more than one council/committee, forward one additional form for each additional council/committee marked.

Signature   
Department Head

Date 02/23/12

(Routing on Reverse Side)

FS New Course - 9/10/2010

**NEW COURSE RESOURCE INFORMATION**Department Hospitality and Restaurant AdministrationDate 02/23/12Course Number and Title HRA 710: Risk Management and Legal Compliance in the Hospitality IndustryAnticipated Average Enrollment 15Maximum Enrollment Limit 25Faculty Load Assignment 3.0 Equated Hours

1 Is another course being deleted? If so, give course number and title.

No.

2 What will this course require in the way of:

Additional library holdings? None

Additional computer resources? None

Additional or remodeled facilities? None

Additional equipment or supplies? None

Additional travel funds? None

Additional faculty--general vs specialized? None

Other additional expenses? None

3 If additional faculty are not required, how will faculty be made available to teach this course?

The Department Head will teach this course during the summer sessions for no additional compensation.

List names of current faculty qualified to teach this course: Melissa Dallas

4 What is the anticipated source of students for this course? (If from within the department, will students be taking this course in addition to or in place of other courses? If from outside the department, which courses in other departments would most likely be affected?)

The course would be an elective course for those students pursuing a Master of Business Administration degree.

5 Other comments:

Missouri State University  
CURRICULAR PROPOSAL

NEW COURSE (or new REGULAR SECTION of an existing variable content course)

Department Hospitality and Restaurant Administration

Date 02/23/12

Check one:  New COURSE  New REGULAR (i.e. permanent) SECTION of an existing variable content course. If a new regular section of an existing variable topics course, to what existing course is it to be attached? \_\_\_\_\_

PROPOSED CATALOG DESCRIPTION

HRA 720 Hospitality Change Management and Leadership

Prerequisite: MGT 600 or equivalent. An in-depth investigation of the principles and theories of leading change in hospitality organizations. The processes, skills, and abilities needed to manage change in the industry are stressed. Attention is given to areas hospitality leaders need to address when initiating change such as vision development, team development and motivation, power and influence, performance standards, productivity, and organizational culture. Case studies will be used extensively to address course content. 3(3-0), F

PURPOSE OF COURSE

The purpose of this course is for students to analyze and evaluate the components involved in the change management process as it applies to the hospitality industry, to refine their abilities to develop and motivate cohesive teams, and to develop the ability to establish appropriate performance and productivity measures for hospitality operations. This is an elective course for those pursuing the Master of Business Administration degree.

RELATIONSHIP TO OTHER DEPARTMENTS

This is an elective course for those pursuing the Master of Business Administration degree.

DEPARTMENT: Route according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Attach New Course Resource Information form (FS 300a/05) and forward three typed, originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If the course needs to go through more than one council/committee forward one additional form for each additional council/committee marked.

- College Council (All new course proposals numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/ council or directly to the Faculty Senate if no further committee approval is needed.)
- Professional Education Committee (Considers all new courses affecting BS and MS in Education and Educational Specialist degrees)
- Committee on General Education and Intercollegiate Programs (Considers all general education and multi-college new course proposals)
- Graduate Council (Considers all 600-, 700-, and 800-level new courses)

\*If the course needs to go through more than one council/committee, forward one additional form for each additional council/committee marked.

Signature   
Department Head

Date 02/23/12



**NEW COURSE RESOURCE INFORMATION**Department Hospitality and Restaurant AdministrationDate 02/23/12Course Number and Title HRA 720: Hospitality Change Management and LeadershipAnticipated Average Enrollment 15Maximum Enrollment Limit 25Faculty Load Assignment 3.0 Equated Hours

1 Is another course being deleted? If so, give course number and title.

No.

2 What will this course require in the way of:

Additional library holdings? None

Additional computer resources? None

Additional or remodeled facilities? None

Additional equipment or supplies? None

Additional travel funds? None

Additional faculty--general vs specialized? None

Other additional expenses? None

3 If additional faculty are not required, how will faculty be made available to teach this course?

Two sections of an existing undergraduate course taught by the faculty member will be combined so this course can be taught in load.

List names of current faculty qualified to teach this course: Stephanie Hein

4 What is the anticipated source of students for this course? (If from within the department, will students be taking this course in addition to or in place of other courses? If from outside the department, which courses in other departments would most likely be affected?)

The course would be an elective course for those students pursuing a Master of Business Administration degree.

5 Other comments:

**Missouri State University**  
**CURRICULAR PROPOSAL**  
**NEW COURSE (or new REGULAR SECTION of an existing variable content course)**

Department Hospitality and Restaurant Administration

Date 02/23/12

Check one:  New COURSE     New REGULAR (i.e. permanent) SECTION of an existing variable content course. If a new regular section of an existing variable topics course, to what existing course is it to be attached? \_\_\_\_\_

**PROPOSED CATALOG DESCRIPTION**

HRA 730 Seminar in Hospitality and Tourism

Prerequisite: 18 graduate hours in business administration and economics. An evaluation and analysis of the theory, research, and practice involved in hospitality and tourism fields. The course involves an integrative learning experience where students will have the opportunity to engage in an applied research project. 3(3-0), S

**PURPOSE OF COURSE**

The purpose of this course is to enable students to critical analyze and evaluate management theory and practice as they apply to hospitality firms. This is an elective course for those pursuing the Master of Business Administration degree.

**RELATIONSHIP TO OTHER DEPARTMENTS**

This is an elective course for those pursuing the Master of Business Administration degree.

**DEPARTMENT:** Route according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Attach New Course Resource Information form (FS 300a/05) and forward three typed, originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If the course needs to go through more than one council/committee forward one additional form for each additional council/committee marked.

- College Council** (All new course proposals numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/ council or directly to the Faculty Senate if no further committee approval is needed.)
- Professional Education Committee** (Considers all new courses affecting BS and MS in Education and Educational Specialist degrees)
- Committee on General Education and Intercollegiate Programs** (Considers all general education and multi-college new course proposals)
- Graduate Council** (Considers all 600-, 700-, and 800-level new courses)

\*If the course needs to go through more than one council/committee, forward one additional form for each additional council/committee marked.

Signature

Meliss Ann  
Department Head

Date

02/23/12

(Routing on Reverse Side)

FS New Course - 9/10/2010

**NEW COURSE RESOURCE INFORMATION**Department Hospitality and Restaurant AdministrationDate 02/23/12Course Number and Title HRA 730; Seminar in Hospitality and TourismAnticipated Average Enrollment 15Maximum Enrollment Limit 25Faculty Load Assignment 3.0 Equated Hours

1 Is another course being deleted? If so, give course number and title.

No.

2 What will this course require in the way of:

Additional library holdings? None

Additional computer resources? None

Additional or remodeled facilities? None

Additional equipment or supplies? None

Additional travel funds? None

Additional faculty--general vs specialized? None

Other additional expenses? None

3 If additional faculty are not required, how will faculty be made available to teach this course?

Two sections of an existing undergraduate course taught by the faculty member will be combined so this course can be taught in load.

List names of current faculty qualified to teach this course: Carl Riegel

4 What is the anticipated source of students for this course? (If from within the department, will students be taking this course in addition to or in place of other courses? If from outside the department, which courses in other departments would most likely be affected?)

The course would be an elective course for those students pursuing a Master of Business Administration degree.

5 Other comments:

**Attachment**

**Email exchange between COBA and HRA regarding proposed HRA graduate courses for MBA student**

---

**From:** Rozell, Elizabeth J  
**Sent:** Monday, January 23, 2012 11:40 AM  
**To:** Dallas, Melissa B  
**Cc:** Hein, Stephanie G; Crafts, Daniel D; Riegel, Carl D  
**Subject:** RE: HRA grad courses

I don't think so, but let me check. MBAs are allowed to take 2 elective courses (almost anywhere on campus) and a seminar.

**Elizabeth J. Rozell, Ph.D.**  
*Kenneth E. Meyer Professor of Management*  
*Associate Dean*  
Missouri State University  
College of Business Administration  
Glass Hall, Room 400  
P: 417-836-6040 | F: 417-836-5766  
[ERozell@MissouriState.edu](mailto:ERozell@MissouriState.edu) |

*Confidentiality Notice: The information in this electronic mail message is confidential and may be legally privileged. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message.*

**From:** Dallas, Melissa B  
**Sent:** Monday, January 23, 2012 11:38 AM  
**To:** Rozell, Elizabeth J  
**Cc:** Hein, Stephanie G; Crafts, Daniel D; Riegel, Carl D  
**Subject:** RE: HRA grad courses

Libby – My guess is that COBA will have to formally propose the concentration once the courses get approved, right? Thanks - Melissa

**From:** Rozell, Elizabeth J  
**Sent:** Monday, January 23, 2012 10:47 AM  
**To:** Dallas, Melissa B  
**Subject:** RE: HRA grad courses

Melissa,  
I fully support your efforts in developing a concentration area for HRA in the MBA. This option provides another avenue for our MBA students to specialize. Libby

**Elizabeth J. Rozell, Ph.D.**  
*Kenneth E. Meyer Professor of Management*  
*Associate Dean*  
Missouri State University  
College of Business Administration

Glass Hall, Room 400  
P: 417-836-6040 | F: 417-836-5766  
[ERozell@MissouriState.edu](mailto:ERozell@MissouriState.edu) |

*Confidentiality Notice: The information in this electronic mail message is confidential and may be legally privileged. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message.*

**From:** Dallas, Melissa B  
**Sent:** Monday, January 23, 2012 10:10 AM  
**To:** Rozell, Elizabeth J  
**Cc:** Riegel, Carl D; Hein, Stephanie G  
**Subject:** HRA grad courses

Libby – Would you be so kind as to send me an email that COBA support the following HRA courses to be offered to MBA students beginning in fall 2012 if approved?

Course #	Credit Hours	Proposed Course Name
HRA 710	3	Risk Management & Legal Compliance in the Hospitality Industry
HRA 720	3	Hospitality Change Management and Leadership
HRA 730	3	Seminar in Hospitality & Tourism

Sorry for the late request, and thank you!

Melissa

**Dr. Melissa Dallas**  
Department Head and Professor  
Hospitality and Restaurant Administration

Missouri State University  
901 S. National Ave.  
Springfield, MO 65897  
phone 417-836-4223 | fax 417-836-7673  
[www.missouristate.edu/hra](http://www.missouristate.edu/hra)

**Missouri State University  
Curricular Proposal Course Change or Deletion**

Department Hospitality and Restaurant Administration

Date 02/23/12

Check one: This is a change to XX an existing COURSE  
 \_\_\_\_\_ an existing REGULAR (i.e. permanent) SECTION of a variable content course

Present Catalog Description (Cut and paste from web catalog or use most recent description.)	Revised Catalog Description (Cut and paste description again, strikethrough all deletions, and insert and bold new information.)
<p><b>HRA 480 Hospitality Industry Strategic Management</b></p> <p>Prerequisite: senior standing and HRA 410. This is an integrative course that focuses on managing the various components of the hospitality industry at both the business and the corporate level. Students use case studies as well as current events in the industry to understand the nature of strategic issues and their management in the hospitality industry. 3(3-0), F,S</p>	<p><b>HRA 480 <del>Hospitality Industry Global</del> Strategic Management in the Hospitality Industry</b></p> <p>Prerequisite: senior standing and HRA 410 or concurrent. This is an integrative course that focuses on managing the various components of the hospitality industry at both the business and the corporate level. Students use case studies as well as current events in the industry to understand the nature of strategic issues and their management in the hospitality industry. 3(3-0), F,S</p>

What is changing? Check all boxes that apply.

- Course Deletion       Course Code       Course Number       Title       Prerequisite  
 Credit Hours/Contact Hours       Periodicity       Description

**Reason for Proposed Change or Deletion**

The original title of this course does not accurately describe the global focus of this course. The prerequisite of HRA 410 for HRA 480 is causing course sequencing problems for HRA majors. Rather, to require HRA 410 or concurrent enrollment would assist students adhere to their four-year graduation plans. Students will still be adequately prepared for HRA 480.

**How Did You Determine the Need For This Change or Deletion?**

The HRA faculty determined the need for this during a recent meeting to review prerequisites and course titles.

**COMPLETE NEW CATALOG INFORMATION (typed)**

HRA 480 Global Strategic Management in the Hospitality Industry

Prerequisite: senior standing and HRA 410 or concurrent. This is an integrative course that focuses on managing the various components of the hospitality industry at both the business and the corporate level. Students use case studies as well as current events in the industry to understand the nature of strategic issues and their management in the hospitality industry. 3(3-0), F,S

XX Check if this is a non-substantive change. Distribution for non-substantive changes of 100- through 500-level courses: two originally-signed copies to Faculty Senate; 600- through 900-level courses: three originally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after approval.

**Substantive Change:** Department routes according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Forward three originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If proposal needs to go through more than one council/committee, forward one additional form for each additional council/committee marked. See Senate Action 11-93/94 for definitions of substantive/non-substantive changes.

\_\_\_\_\_ College Council

(All substantive course changes numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/council or directly to the Faculty Senate if no further committee approval is needed. The last level of committee/council will forward two originally signed copies to the Faculty Senate.)

\_\_\_\_\_ Professional Education Committee

(Considers all substantive course changes for Professional Education courses and Teaching Methods courses.)

\_\_\_\_\_ Committee on General Education and Intercollegiate Programs

(Considers all substantive course changes for General Education and Intercollegiate Program proposals.)

\_\_\_\_\_ Graduate Council

(Considers all 600-900 level course changes.)

Signature *Melis Smith*

Date 02/23/12

Department Head

(Routing on Reverse Side)

FS Course Change - 9/10/2010

# Missouri State University Curricular Proposal Course Change or Deletion

Department Mathematics

Date 2/3/2012

Check one: This is a change to  an existing COURSE  
 an existing REGULAR (i.e. permanent) SECTION of a variable content course

Present Catalog Description (Cut and paste from web catalog or use most recent description.)	Revised Catalog Description (Cut and paste description again, strikethrough all deletions, and insert and bold new information.)
<b>MTH 130 Contemporary Mathematics</b> Prerequisite: "C" grade or better in MTH 102 or MTH 103 or approved score on a departmental placement test. General Education Course (Basic Required Courses). This is a problem solving and applications of mathematics course. Topics to be studied will include, but not limited to: the art of problem solving, geometry, probability, statistics, and mathematics of finance. May not count towards a mathematics major or minor. May not be taken Pass/Not Pass. 3(3-0) F,S	<b>MTH 130 Contemporary Mathematics</b> Prerequisite: "C" grade or better in MTH 102 or MTH 103 or approved score on a departmental placement test. General Education Course (Basic Required Courses). This is a problem solving and applications of mathematics course. Topics to be studied will include, but not limited to: the art of problem solving, geometry, probability, statistics, and mathematics of finance. May not count towards a mathematics major or minor. May not be taken Pass/Not Pass. <b>MTH 130 does not meet the prerequisite for MTH 135.</b> 3(3-0) F,S

What is changing? Check all boxes that apply.

- Course Deletion       Course Code       Course Number       Title       Prerequisite  
 Credit Hours/Contact Hours       Periodicity       Description

**Reason for Proposed Change or Deletion**

Clarity of prerequisite.

**How Did You Determine the Need For This Change or Deletion?**

Persistent student belief to the contrary.

**COMPLETE NEW CATALOG INFORMATION (typed)**

**MTH 130 Contemporary Mathematics**

Prerequisite: "C" grade or better in MTH 102 or MTH 103 or approved score on a departmental placement test. General Education Course (Basic Required Courses). This is a problem solving and applications of mathematics course. Topics to be studied will include, but not limited to: the art of problem solving, geometry, probability, statistics, and mathematics of finance. May not count towards a mathematics major or minor. May not be taken Pass/Not Pass. MTH 130 does not meet the prerequisite for MTH 135. 3(3-0) F,S

Check if this is a **non-substantive** change. Distribution for non-substantive changes of 100- through 500-level courses: two originally-signed copies to Faculty Senate; 600- through 900-level courses: three originally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after approval.

**Substantive Change:** Department routes according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Forward three originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If proposal needs to go through more than one council/committee, forward one additional form for each additional council/committee marked. See Senate Action 11-93/94 for definitions of substantive/non-substantive changes.

**College Council**

(All substantive course changes numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/council or directly to the Faculty Senate if no further committee approval is needed. The last level of committee/council will forward two originally signed copies to the Faculty Senate.)

**Professional Education Committee**

(Considers all substantive course changes for Professional Education courses and Teaching Methods courses.)

**Committee on General Education and Intercollegiate Programs**

(Considers all substantive course changes for General Education and Intercollegiate Program proposals.)

**Graduate Council**

(Considers all 600-900 level course changes.)

Signature Kenneth Tolman

Department Head

Date 2/3/12

**Missouri State University  
Curricular Proposal Course Change or Deletion**

Department Mathematics

Date 2/3/2012

Check one: This is a change to  an existing COURSE  
 an existing REGULAR (i.e. permanent) SECTION of a variable content course

Present Catalog Description (Cut and paste from web catalog or use most recent description.)	Revised Catalog Description (Cut and paste description again, strikethrough all deletions, and insert and bold new information.)
<p><b>MTH 135 College Algebra</b>                      Prerequisite: "C" grade or better in MTH 102 or MTH 103, or appropriate placement score. General Education Course (Basic Required Courses). Contents include the study of linear and quadratic equations; inequalities and their applications; polynomial, rational, exponential and logarithmic functions; and systems of equations. A student who takes MTH 135 and MTH 138 receives credit toward graduation for MTH 138 only. This course will not count toward a mathematics major or minor. Assignment to the 3(3-0) version of the course is in the summer session only. A grade of "C" or better is required in this course to take MTH 181, MTH 285, or MTH 287. This course may not be taken Pass/Not Pass. 3(3-0) F,S</p>	<p><b>MTH 135 College Algebra</b>                      Prerequisite: "C" grade or better in MTH 102 or MTH 103, or appropriate placement score. <b>MTH 130 does not meet the prerequisite for MTH 135.</b> General Education Course (Basic Required Courses). Contents include the study of linear and quadratic equations; inequalities and their applications; polynomial, rational, exponential and logarithmic functions; and systems of equations. A student who takes MTH 135 and MTH 138 receives credit toward graduation for MTH 138 only. This course will not count toward a mathematics major or minor. <b>Assignment to the 3(3-0) version of the course is in the summer session only.</b> A grade of "C" or better is required in this course to take MTH 181, MTH 285, or MTH 287. This course may not be taken Pass/Not Pass. 3(3-0) F,S</p>

What is changing? Check all boxes that apply.

- Course Deletion   
  Course Code   
  Course Number   
  Title   
  Prerequisite  
 Credit Hours/Contact Hours   
  Periodicity   
 Description

**Reason for Proposed Change or Deletion**

Clarity of prerequisite. Description of alternate course hours should have been removed previously.

**How Did You Determine the Need For This Change or Deletion?**

Persistent student belief to the contrary.

**COMPLETE NEW CATALOG INFORMATION (typed)**

**MTH 135 College Algebra**  
 Prerequisite: "C" grade or better in MTH 102 or MTH 103, or appropriate placement score. MTH 130 does not meet the prerequisite for MTH 135. General Education Course (Basic Required Courses). Contents include the study of linear and quadratic equations; inequalities and their applications; polynomial, rational, exponential and logarithmic functions; and systems of equations. A student who takes MTH 135 and MTH 138 receives credit toward graduation for MTH 138 only. This course will not count toward a mathematics major or minor. A grade of "C" or better is required in this course to take MTH 181, MTH 285, or MTH 287. This course may not be taken Pass/Not Pass. 3(3-0) F,S

Check if this is a non-substantive change. Distribution for non-substantive changes of 100- through 500-level courses: two originally-signed copies to Faculty Senate; 600- through 900-level courses: three originally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after approval.

**Substantive Change:** Department routes according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Forward three originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If proposal needs to go through more than one council/committee, forward one additional form for each additional council/committee marked. See Senate Action 11-93/94 for definitions of substantive/non-substantive changes.

- College Council** (All substantive course changes numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/council or directly to the Faculty Senate if no further committee approval is needed. The last level of committee/council will forward two originally signed copies to the Faculty Senate.)
- Professional Education Committee** (Considers all substantive course changes for Professional Education courses and Teaching Methods courses.)
- Committee on General Education and Intercollegiate Programs** (Considers all substantive course changes for General Education and Intercollegiate Program proposals.)
- Graduate Council** (Considers all 600-900 level course changes.)

Signature Kenneth Holman  
 Department Head

Date 2/3/12



# Missouri State University Curricular Proposal Course Change or Deletion

Department Mathematics

Date 2/3/2012

Check one: This is a change to  an existing COURSE  
 an existing REGULAR (i.e. permanent) SECTION of a variable content course

Present Catalog Description (Cut and paste from web catalog or use most recent description.)	Revised Catalog Description (Cut and paste description again, strikethrough all deletions, and insert and bold new information.)
<b>MTH 796 Science Internship</b> Completion of an internship project (480 hours) at a discipline-related business, nonprofit organization, or government agency, approved and supervised by both the departmental and internship advisors. Includes a formal report in the appropriate professional format, and an oral presentation at an approved venue. Graded Pass/Not Pass only. No more than 6 hours may count toward a master's degree. 1-6 F,S,Su	<b>MTH 796 Science Internship</b> Completion of an internship project ( <del>480 hours</del> ) <b>(at least 80 hours per credit hour)</b> at a discipline-related business, nonprofit organization, or government agency, approved and supervised by both the departmental and internship advisors. Includes a formal report in the appropriate professional format, and an oral presentation at an approved venue. Graded Pass/Not Pass only. No more than 6 hours may count toward a master's degree. <b>This course may only be counted toward the PSM option of the MNAS degree.</b> 1-6 F,S,Su

What is changing? Check all boxes that apply.

- Course Deletion       Course Code       Course Number       Title       Prerequisite  
 Credit Hours/Contact Hours       Periodicity       Description

**Reason for Proposed Change or Deletion**

Hardcoded number of hours (480 hours) but a variable number of credits. The number of hours should be proportional to the credit. This course applies to PSM but not to other MTH degree programs.

**How Did You Determine the Need For This Change or Deletion?**

The hours are incorrectly stated as constant although the credit is variable. The course should apply only to PSM degree.

**COMPLETE NEW CATALOG INFORMATION (typed)**

**MTH 796 Science Internship**

Completion of an internship project (at least 80 hours per credit hour) at a discipline-related business, nonprofit organization, or government agency, approved and supervised by both the departmental and internship advisors. Includes a formal report in the appropriate professional format, and an oral presentation at an approved venue. Graded Pass/Not Pass only. No more than 6 hours may count toward a master's degree. This course may only be counted toward the PSM option of the MNAS degree. 1-6 F,S,Su

Check if this is a **non-substantive** change. Distribution for non-substantive changes of 100- through 500-level courses: two originally-signed copies to Faculty Senate; 600- through 900-level courses: three originally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after approval.

**Substantive Change:** Department routes according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Forward three originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If proposal needs to go through more than one council/committee, forward one additional form for each additional council/committee marked. See Senate Action 11-93/94 for definitions of substantive/non-substantive changes.

College Council

(All substantive course changes numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/council or directly to the Faculty Senate if no further committee approval is needed. The last level of committee/council will forward two originally signed copies to the Faculty Senate.)

Professional Education Committee

(Considers all substantive course changes for Professional Education courses and Teaching Methods courses.)

Committee on General Education and Intercollegiate Programs

(Considers all substantive course changes for General Education and Intercollegiate Program proposals.)

Graduate Council

(Considers all 600-900 level course changes.)

Signature Kenneth Hollman  
 Department Head

Date 2/3/12

## Missouri State University Curricular Proposal Program Change or Deletion

Department Mathematics Date 2/3/2012

Title of Program Affected Master of Science, Mathematics

<p>Major <input type="checkbox"/> Comprehensive Major <input type="checkbox"/> Option <input type="checkbox"/> Minor <input type="checkbox"/> Certificate <input type="checkbox"/> Certification <input type="checkbox"/> Academic Rules <input type="checkbox"/> Other <input type="checkbox"/></p>	
<b>Present Catalog Description</b> (Cut and paste from web catalog or use most recent description.)	<b>Revised Catalog Description</b> (Cut and paste description again, strikethrough all deletions, and insert and bold new information.)
See attachment	See attachment

**What is changing? Check all boxes that apply.**

- Title change  
 Course changes of under 18 hours  
 Course changes of 18 hours or more
- From option to program (major)  
 From program (major) to option  
 Program or option deletion
- Other Clarification

**REASON FOR PROPOSED CHANGE**

MTH 796 is a new course intended for MNAS PSM degree, but is not a valid option for MS. The generic description of 700-level courses is no longer sufficiently detailed.

**COMPLETE NEW CATALOG INFORMATION (Typed)**

See attachment

*Total Hours* min. 32 hrs. (no change)

**DEPARTMENT: Route according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty Senate. Forward three typed, originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If the program needs to go through more than one committee/council, forward one additional form for each additional council/ committee marked.**

- College Council** (Send all undergraduate program changes through College Council as first step before forwarding either to PEC, CGEIP, or directly to Faculty Senate)
- Professional Education Committee** (Considers all program changes affecting BS and MS in Education and Educational Specialist degrees)
- Committee on General Education and Intercollegiate Programs** (Considers all general education and multi-college program changes)
- Graduate Council** (Considers all graduate-level program changes)

Signature   
Department Head

Date 2/3/12

(Routing on Reverse Side)

*FS Program Change - 9/10/2010*

**Curricular Proposal Program Change or Deletion**  
**Master of Science, Mathematics**

**Present Catalog Description**

**Degree Requirements (A minimum of 32 hrs)**

1. A minimum of 18 semester hours of 700 level mathematics courses. At least one of the following four courses must be completed:

MTH 702 Real and Abstract Analysis  
MTH 732 Abstract Algebra II  
MTH 722 Theory of Ord. Differential Equat. II  
MTH 742 Statistical Inference II

Students planning to continue to a Ph.D. degree are strongly advised to take the analysis and algebra sequences.

2. **Mathematics Electives.** From 4 to 15 elective hours in mathematics, dependent upon hours of research and other electives.
3. **Related Electives.** A maximum of 6 hours of elective courses in fields related to mathematics may be taken with the approval of the student's advisor.
4. **Research Requirements.** 1-6 semester hours of course work from MTH 791, 792, 798, or 799, but a maximum of 6 semester hours may be applied toward the requirement for the M.S. degree. This requirement will be met in one of the following ways:

*Option I:* Completion of a satisfactory thesis in the candidate's discipline. Thesis credit shall be no more than 6 semester hours of the minimum 32 hours required for a master's degree.

*Option II:* Completion of a minimum of two seminars, each of which shall require an extensive paper or major creative work.

5. **Comprehensive Examination.** A comprehensive examination must be passed by the candidate before a degree will be granted.

**Revised Catalog Description**

**Degree Requirements (A minimum of 32 hrs)**

1. A minimum of 18 semester hours of 700 level mathematics courses (**except MTH 796**). At least one of the following four courses must be completed:

MTH 702 Real and Abstract Analysis  
MTH 732 Abstract Algebra II  
MTH 722 Theory of Ord. Differential Equat. II  
MTH 742 Statistical Inference II

Students planning to continue to a Ph.D. degree are strongly advised to take the analysis and algebra sequences.

2. **Mathematics Electives.** From 4 to 15 elective hours in mathematics, dependent upon hours of research and other electives.
3. **Related Electives.** A maximum of 6 hours of elective courses in fields related to mathematics may be taken with the approval of the student's advisor.
4. **Research Requirements.** 1-6 semester hours of course work from MTH 791, 792, 798, or 799, but a maximum of 6 semester hours may be applied toward the requirement for the M.S. degree. This requirement will be met in one of the following ways:

*Option I:* Completion of a satisfactory thesis in the candidate's discipline. Thesis credit shall be no more than 6 semester hours of the minimum 32 hours required for a master's degree.

*Option II:* Completion of a minimum of two seminars, each of which shall require an extensive paper or major creative work.

5. **Comprehensive Examination.** A comprehensive examination must be passed by the candidate before a degree will be granted.

## COMPLETE NEW CATALOG DESCRIPTION

### Degree Requirements (A minimum of 32 hrs)

1. A minimum of 18 semester hours of 700 level mathematics courses (except MTH 796). At least one of the following four courses must be completed:  
MTH 702 Real and Abstract Analysis  
MTH 732 Abstract Algebra II  
MTH 722 Theory of Ord. Differential Equat. II  
MTH 742 Statistical Inference II  
Students planning to continue to a Ph.D. degree are strongly advised to take the analysis and algebra sequences.
2. **Mathematics Electives.** From 4 to 15 elective hours in mathematics, dependent upon hours of research and other electives.
3. **Related Electives.** A maximum of 6 hours of elective courses in fields related to mathematics may be taken with the approval of the student's advisor.
4. **Research Requirements.** 1-6 semester hours of course work from MTH 791, 792, 798, or 799, but a maximum of 6 semester hours may be applied toward the requirement for the M.S. degree. This requirement will be met in one of the following ways:

*Option I:* Completion of a satisfactory thesis in the candidate's discipline. Thesis credit shall be no more than 6 semester hours of the minimum 32 hours required for a master's degree.

*Option II:* Completion of a minimum of two seminars, each of which shall require an extensive paper or major creative work.

5. **Comprehensive Examination.** A comprehensive examination must be passed by the candidate before a degree will be granted.

# Missouri State University Curricular Proposal Course Change or Deletion

Department Physics, Astronomy and Materials Science

Date January 25, 2012

Check one: This is a change to  an existing COURSE  
 an existing REGULAR (i.e. permanent) SECTION of a variable content course

Present Catalog Description (Cut and paste from web catalog or use most recent description.)	Revised Catalog Description (Cut and paste description again, strikethrough all deletions, and insert and bold new information.)
PHY 796 Science Internship  Completion of an internship project (480 hours) at a discipline-related business, nonprofit organization, or government agency, approved and supervised by both the departmental and internship advisors. Includes a formal report in the appropriate professional format, and an oral presentation at an approved venue. Graded Pass/Not Pass only. No more than 6 hours may count toward a master's degree. 1-6 F,S,Su	PHY 796 Science Internship  Completion of an internship project ( <del>480 hours</del> <b>80 hours/credit hour</b> ) at a discipline-related business, nonprofit organization, or government agency, approved and supervised by both the departmental and internship advisors. Includes a formal report in the appropriate professional format, and an oral presentation at an approved venue. Graded Pass/Not Pass only. No more than 6 hours may count toward a master's degree. 1-6 F,S,Su

**What is changing? Check all boxes that apply.**

- Course Deletion       Course Code       Course Number       Title       Prerequisite  
 Credit Hours/Contact Hours       Periodicity       Description

**Reason for Proposed Change or Deletion**

To avoid confusion by defining the required number of internship hours in terms of credit hours

**How Did You Determine the Need For This Change or Deletion?**

Vote of PAMS graduate faculty, recommendation from MNAS oversight committee

**COMPLETE NEW CATALOG INFORMATION (typed)**

PHY 796 Science Internship

Completion of an internship project (80 hours/credit hour) at a discipline-related business, nonprofit organization, or government agency, approved and supervised by both the departmental and internship advisors. Includes a formal report in the appropriate professional format, and an oral presentation at an approved venue. Graded Pass/Not Pass only. No more than 6 hours may count toward a master's degree. 1-6 F,S,Su

Check if this is a **non-substantive** change. Distribution for non-substantive changes of 100- through 500-level courses: two originally-signed copies to Faculty Senate; 600- through 900-level courses: three originally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after approval.

**Substantive Change:** Department routes according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Forward three originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If proposal needs to go through more than one council/committee, forward one additional form for each additional council/committee marked. See Senate Action 11-93/94 for definitions of substantive/non-substantive changes.

**College Council**

(All substantive course changes numbered 100-599 must go through College Council first. After approval, College Council will forward appropriate number of copies to the next committee/council or directly to the Faculty Senate if no further committee approval is needed. The last level of committee/council will forward two originally signed copies to the Faculty Senate.)

**Professional Education Committee**

(Considers all substantive course changes for Professional Education courses and Teaching Methods courses.)

**Committee on General Education and Intercollegiate Programs**

(Considers all substantive course changes for General Education and Intercollegiate Program proposals.)

**Graduate Council**

(Considers all 600-900 level course changes.)

Signature \_\_\_\_\_

Department Head

Date 1-26-12