Department Computer Science			Date	2/3/2012	
Title of December Affected Community Cal	ones /Non Cours	anahansiya\			
Title of Program Affected Computer Science	ence (Non-Comp	<u>orenensive)</u>		·	
Major X Comprehensive Major Option	Minor	Certificate	Certification_	Academic Rules	Other
Present Catalog Description			talog Description		
(Cut and paste from web catalog or use most recent of	lescription.)		te description again, s	trikethrough all deletion	s, and insert and
See attachment		See attac	hment		
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What is changing? Check all boxes that appl					
Title change		tion to progra		_ Other	
X Course changes of under 18 hours	From prop	gram (major)	to option		
Course changes of 18 hours or more	Program	or option dele	etion		
REASON FOR PROPOSED CHANGE					
Two other courses contain the correct	extent of hon	dwore and	sironit design r	anded by the mo	iority of
			_	•	jointy of
modern computer science professiona	is. Inis cours	e is not req	uired by CSC	s accreditation.	
COMPLETE NEW CATALOG INFORMATION (	Typed)	•			
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See attachment					
<b>4</b> 特别是一个人的人					
				Total Hour	s 75
				10iai 110ai	s <u></u>
DEPARTMENT: Route according to ART VI, S signed forms to <u>one</u> of the following (please if the program needs to go through more th council/ committee marked.	check all that a	pply and sen	d to first council	committee marked	).
X College Council				gh College Council as t tly to Faculty Senate)	irst step
		_			
Professional Education Committee	(Considers all p Specialist degr		es affecting BS and	MS in Education and E	Educational
Committee on General Education and Intercollegiate Programs	(Considers all g	general educat	ion and multi-colle	ge program changes)	
Graduate Council	(Considers all a	graduate-level	program changes)		
11 al 10	,				
Kenneth Hollma	w		Data 2/3	3/12	
Signature /W/V/9/10 //V/V/V/V  Department Head		-	Date	112	

(Routing on Reverse Side)

FS Program Change - 9/10/2010

## 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. <u>CSC 130(3)</u>, <u>131(4)</u>, <u>232(4)</u>, <u>320(4)</u>, <u>325(3)</u>, <u>333(4)</u>, <u>335(3)</u>, <u>450(3)</u>, <u>460(3)</u>, <u>482(1)</u>
  - 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.
  - Related science and mathematics requirements: <u>MTH 215(3)</u>, <u>261(5)\*</u>, <u>280(5)\*</u>, <u>MTH 345(3)</u> or <u>540(3)</u>; <u>PHY 203(5)\*</u>, <u>204(5)</u>, <u>220(4)</u>, <u>324(4)</u>; and one of the following courses: <u>BIO 121(4)\*</u>, <u>BMS 110(4)\*</u>, <u>CHM 160(4)\*</u>, <u>GLG 110(4)\*</u>, <u>GRY 135(4)\*</u>, <u>GRY 142(4)\*</u>
    - \* 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. <u>CSC 130(3), 131(4), 232(4), 320(4), 325(3), 333(4), 335(3), 450(3), 460(3), 482(1)</u>
  - 2. Select nine additional hours from *eligible* CSC courses numbered 300 or above with at least six hours from courses other than <u>CSC 399</u> and <u>CSC 596</u>.
  - Related science and mathematics requirements: <u>MTH 215(3)</u>, <u>261(5)\*</u>, <u>280(5)\*</u>, <u>MTH 345(3)</u> or <u>540(3)</u>; <u>PHY 203(5)\*</u>, <u>204(5)</u>, <u>220(4)</u>, <u>324(4)</u>; and one of the following courses: <u>BIO 121(4)\*</u>, <u>BMS 110(4)\*</u>, <u>CHM 160(4)\*</u>, <u>GLG 110(4)\*</u>, <u>GRY 135(4)\*</u>, <u>GRY 142(4)\*</u>
    - \* 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 <u>CSC 399</u> and <u>CSC 596</u>.
  - Related science and mathematics requirements: <u>MTH 215(3)</u>, <u>261(5)\*</u>, <u>280(5)\*</u>, <u>MTH 345(3)</u> or <u>540(3)</u>; <u>PHY 203(5)\*</u>, <u>204(5)</u>, <u>220(4)</u>; and one of the following courses: <u>BIO 121(4)\*</u>, <u>BMS 110(4)\*</u>, <u>CHM 160(4)\*</u>, <u>GLG 110(4)\*</u>, <u>GRY 135(4)\*</u>, <u>GRY 142(4)\*</u>
    - \* 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

Department Computer Science		Date	2/3/2012
Check one: This is a change to X_a =	<del>-</del>	i.e. permanent) SECTIO	N of a variable content course
Present Catalog Description (Cut and paste from web catalog or use most r	recent description.)	Revised Catalog Desc (Cut and paste description aga bold new information.)	ription ain, strikethrough all deletions, and insert and
CSC 450 Introduction to Software Engir Prerequisite: CSC 325. Principles, techniq effect the orderly production of medium an programs will be studied. These technique programming projects with students working managing all phases of a programming pro-	ues and tools used to ad large scale computer as will be applied to ag in teams and	CSC 450 Introduction to Prerequisite: CSC 325 at tools used to effect the office scale computer programm be applied to programmi	o Software Engineering nd CSC 335. Principles, techniques and orderly production of medium and large s will be studied. These techniques will ng projects with students working in phases of a programming project. 3(3-0)
What is changing? Check all boxes that ap  □Course Deletion □Course Code □Credit Hours/Contact Hours	ply. □Course Nu dPeriodicity		Marerequisite on
Reason for Proposed Change or Deletion Enrollment levels only justify one offeri How Did You Determine the Need For This Analysis of student enrollment patterns COMPLETE NEW CATALOG INFORMATION CSC 450 Introduction to Software Engine Prerequisite: CSC 325 and CSC 335. Princip computer programs will be studied. These to managing all phases of a programming proje  Check if this is a non-substantive change. If Faculty Senate; 600- through 900-level courses: three	s Change or Deletion?  s.  (typed)  eering  ples, techniques and too  echniques will be applied  ect. 3(3-0) F  Distribution for non-substanting	Is used to effect the orderl to programming projects we changes of 100- through 500-	y production of medium and large scale with students working in teams and level courses: two originally-signed copies to
approval.  Substantive Change: Department routes according to (please check all that apply and send to first council/or form for each additional council/committee marked. S	ART VI, SEC 3B(1-4) of Bylaws ommittee marked). If proposa	of the Faculty. Forward <u>three</u> or Il needs to go through more than	riginally signed forms to <u>one</u> of the following n one council/committee, forward one additional
X College Council  Professional Education Committee  Committee on General Education and Intercollegiate Programs	(All substantive course chapproval, College Council committee/council or dir The last level of committe Senate.) (Considers all substantive Methods courses.)	nanges numbered 100-599 m I will forward appropriate nu ectly to the Faculty Senate if ee/council will forward two o e course changes for Professi	nust go through College Council first. After
Graduate Council  Signature MMUL Julium  Department Head	(Considers all 600-900 lev	vel course changes.)  Date	2/3/12

(Routing on Reverse Side)

FS Course Change - 9/10/2010

Geography, Geology & Planning Department January 23, 2012 Date Check one: This is a change to V an existing COURSE an existing REGULAR (i.e. permanent) SECTION of a variable content course **Present Catalog Description Revised Catalog Description** (Cut and paste description again, strikethrough all deletions, and insert and (Cut and paste from web catalog or use most recent description.) bold new information.) GLG 796 Science Internship GLG 796 Science Internship Completion of an internship project (480 hours) at a discipline-Completion of an internship project (480 hours 80 hrs/credit related business, nonprofit organization, or government agency. hour) at a discipline-related business, nonprofit organization, or approved and supervised by both the departmental and government agency, approved and supervised by both the internship advisors. Includes a formal report in the appropriate departmental and internship advisors, Includes a formal report in professional format, and an oral presentation at an approved the appropriate professional format, and an oral presentation at venue. Graded Pass/Not Pass only. No more than 6 hours may an approved venue. Graded Pass/Not Pass only. No more than 6 count toward a master's degree. 1-6 F,S,Su 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 **VDescription** 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 CO MPLETE 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 (All substantive course changes numbered 100-599 must go through College Council first. After \*for information only 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.) (Considers all substantive course changes for General Education and Intercollegiate Program Committee on General Education and Intercollegiate Programs proposals.) X Graduate Council (Considers all 600-900 level course changes.)

(Routing on Reverse Side)

Signature

Department Head

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 Restaura	nt Administration	Date <u>02/23/12</u>	<u> </u>	
Check one: XX New COURSE section of an existing variable topics	New REGULAR (i.e. permanent) S course, to what existing course i		variable content cours	e. If a new regular
PROPOSED CATALOG DESCRIPTION				
HRA 710 Risk Management and Legal	Compliance in the Hospitality In	dustry		
Prerequisite: LAW 600 or equivalent. I Topical areas include contracts, neglig policy as well as international tourism	ence, and employment, labor, an	id real estate law. Treati		
			4.4	
PURPOSE OF COURSE				
The purpose of this course is to enable employment and business-related dec pursuing the Master of Business Admi	isions in the hospitality industry	<del>-</del>		
RELATIONSHIP TO OTHER DEPARTME	NTS			
This is an elective course for those pur	suing the Master of Business Adı	ministration degree.		
<b>.</b> .			* .	
			. •	
		•		•
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DEPARTMENT: Route according to Af 300a/05) and forward three typed, or council/committee marked). If the coadditional council/committee marked	iginally signed forms to one of tourse needs to go through more	he following (please ch	eck all that apply and	send to first
College Council	(All new course proposals numbered forward appropriate number of copicommittee approval is needed.)	l 100-599 must go through C es to the next committee/ c	College Council first. After council or directly to the Fa	approval, College Council will culty Senate if no further
Professional Education Committee	(Considers all new courses affecting	BS and MS in Education and	l Educational Specialist deg	rees)
Committee on General Education and Intercollegiate Programs	(Considers all general education and	multi-college new course p	roposals)	
Graduate Council	(Considers all 600-, 700-, and 800-lev	vel new courses)		•
*If the course needs to go through more than	one council/committee, forward one	additional form for each ad	ditional council/committee	e marked.
Signature Mus (	m	Date 02/2	3/12	·
Department Head	(Routing on Reverse Sid	lo)	FS New Course - 9/10/2010	

#### NEW COURSE RESOURCE INFORMATION

Hospitality		

Date 02/23/12

Course Number and Title HRA 710: Risk Management and Legal Compliance in the Hospitality Industry

Anticipated Average Enrollment 15

Maximum Enrollment Limit 25

Faculty 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

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 Restaura	nt Administration	<b>Date</b> <u>02</u>	2/23/12		
Check one: XX New COURSEN section of an existing variable topics of	New REGULAR (i.e. permane course, to what existing cou			t course. If a n	ew regular
PROPOSED CATALOG DESCRIPTION	•		·		
HRA 720 Hospitality Change Manager	nent and Leadership				
Prerequisite: MGT 600 or equivalent. A The processes, skills, and abilities need to address when initiating change such standards, productivity, and organizati	led to manage change in the n as vision development, tea	industry are stressed m development and n	. Attention is given to notivation, power and	areas hospitali influence, peri	ty leaders need formance
					-
PURPOSE OF COURSE				•	
The purpose of this course is for stu as it applies to the hospitality indus ability to establish appropriate peri those pursuing the Master of Busin	stry, to refine their abilition formance and productivit less Administration degre	es to develop and mo y measures for hosp	otivate cohesive tea	ms, and to de	velop the
RELATIONSHIP TO OTHER DEPARTMENT	NTS				•
This is an elective course for those	pursuing the Master of B	usiness Administrati	on degree.		÷
					·
				•	
DEPARTMENT: Route according to AF 300a/05) and forward three typed, or council/committee marked). If the co additional council/committee marked	riginally signed forms to one ourse needs to go through n	e of the following (ple	ase check all that app	ly and send to	first
College Council	(All new course proposals num forward appropriate number o committee approval is needed.	f copies to the next comm	rough College Council firs littee/ council or directly t	t. After approval, to the Faculty Sen	College Council wi ate if no further
Professional Education Committee	(Considers all new courses affe	cting BS and MS in Educat	tion and Educational Spec	ialist degrees)	
Committee on General Education and Intercollegiate Programs	(Considers all general educatio	n and multi-college new c	ourse proposals)		. •
Graduate Council	(Considers all 600-, 700-, and 8	00-level new courses)			
*If the course needs to go through more than	n one council/committee, forwar	d one additional form for	each additional council/co	ommittee marked	
Signature Mell SSC	Jul_	Date	123/12		-

(Routing on Reverse Side)

FS New Course - 9/10/2010

#### NEW COURSE RESOURCE INFORMATION

Department	Hospitality	and Restaurant	Administration
	TIOSOIMITA	and restamant	Transmanance

Date 02/23/12

Course Number and Title HRA 720: Hospitality Change Management and Leadership

Anticipated Average Enrollment 15

Maximum Enrollment Limit 25

Faculty 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)

<b>Department</b> Hospitality and Restaura	nt Administration		Date <u>02/23/12</u>		
Check one: XX New COURSEN section of an existing variable topics of	New REGULAR (i.e. permicourse, to what existing (	anent) SECTION course is it to be	of an existing variat attached?	ole content course.	If a new regular
PROPOSED CATALOG DESCRIPTION					
HRA 730 Seminar in Hospitality and T	ourism				
Prerequisite: 18 graduate hours in bus involved in hospitality and tourism fiel engage in an applied research project.	ds. The course involves a	economics. An e	valuation and analy ming experience wh	sis of the theory, res ere students will ha	search, and practice we the opportunity to
PURPOSE OF COURSE					
The purpose of this course is to enable firms. This is an elective course for tho	students to critical analy se pursuing the Master o	yze and evaluate of Business Admir	management theory	y and practice as the	ey apply to hospitalit
RELATIONSHIP TO OTHER DEPARTME	NTS	,			
This is an elective course for those pur	suing the Master of Busir	ness Administrati	on degree.		
		•	,		
		•			
DEPARTMENT: Route according to AR 300a/05) and forward three typed, or council/committee marked). If the co additional council/committee marked	iginally signed forms to c urse needs to go througl	one of the follow	ing (please check al	l that apply and ser	nd to first
College Council	(All new course proposals no forward appropriate numbe committee approval is need	er of copies to the no			
Professional Education Committee	(Considers all new courses a	affecting BS and MS	in Education and Educa	tional Specialist degree	es)
Committee on General Education and Intercollegiate Programs	(Considers all general educa	ntion and multi-colle	ge new course proposa	ls)	• .
Graduate Council	(Considers all 600-, 700-, an	d 800-level new cou	ırses)		
*If the course needs to go through more than  Signature Department Head	one council/committee, forw	vard one additional  Date	form for each additional $D \frac{1}{2} \frac{1}{2} \frac{1}{3} \frac{1}{2}$	l council/committee m	arked.

(Routing on Reverse Side)

FS New Course - 9/10/2010

#### NEW COURSE RESOURCE INFORMATION

Departme	nt Hospital	ity and R	estaurant .	<u>Administration</u>

Date 02/23/12

Course Number and Title HRA 730; Seminar in Hospitality and Tourism

Anticipated Average Enrollment 15

Maximum Enrollment Limit 25

Faculty 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 |

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From: Dallas, Melissa B

**Sent:** Monday, January 23, 2012 11:38 AM

To: Rozeil, 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 Giass Hall, Room 400 P: 417-836-6040 | F: 417-836-5766 <u>ERozell@MissouriState.edu</u> |

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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

Department Hospitality and Restaurant Administration

Department Head

Date <u>02/23/12</u>

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
HRA 480 Hospitality Industry Strategic	Management	bold new information.)  HRA 480 Hospitality-Industry_Global Strategic Management in the Hospitality Industry
Prerequisite: senior standing and HRA 410 course that focuses on managing the various hospitality industry at both the business ar Students use case studies as well as curre industry to understand the nature of strate management in the hospitality industry. 3(	ous components of the nd the corporate level. ent events in the glc issues and their	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
What is changing? Check all boxes that ap		W Dragonicito
☐Course Deletion ☐Course Code ☐Credit Hours/Contact Hours	□Course Nu □Periodicity	
Reason for Proposed Change or Deletion The original title of this course does not accurat course sequencing problems for HRA majors. Re graduation plans. Students will still be adequate How Did You Determine the Need For Thi The HRA faculty determined the need for this d	ather, to require HRA 410 ely prepared for HRA 480. s Change or Deletion?	
COMPLETE NEW CATALOG INFORMATION		
HRA 480 Global Strategic Management in		•
components of the hospitality industry at bo	oth the business and the	n integrative course that focuses on managing the various corporate level. Students use case studies as well as current even ir management in the hospitality industry. 3(3-0), F,S
XX Check if this is a <b>non-substantive</b> change. It Faculty Senate; 600-through 900-level courses: three approval.	Distribution for non-substantive coriginally-signed copies to G	ve changes of 100- through 500-level courses: two originally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after
(please check all that apply and send to first council/	committee marked). If propos	ws of the Faculty. Forward <u>three</u> originally signed forms to <u>one</u> of the following sal needs to go through more than one council/committee, forward one additionation for definitions of substantive/non-substantive changes.
College Council	approval, College Council or d	changes numbered 100-599 must go through College Council first. After cill will forward appropriate number of copies to the next directly to the Faculty Senate if no further committee approval is needed ittee/council will forward two originally signed copies to the Faculty
Professional Education Committee	Senate.) (Considers all substanti Methods courses.)	ive course changes for Professional Education courses and Teaching
Committee on General Education	(Considers all substanti	ive course changes for General Education and Intercollegiate Program
and Intercollegiate Programs Graduate Council	proposals.) (Considers all 600-900 l	level course changes.)
	/	12/22/12
Signature / WUS GOW	<i>y</i> 1	Date 00/03//

(Routing on Reverse Side) FS Course Change - 9/10/2010

Department Mathematics		Date	2/3/2012
Check one: This is a change to X		i.e. permanent) SECTION (	of a variable content course
Present Catalog Description (Cut and paste from web catalog or use mos	t recent description.)	Revised Catalog Descrip (Cut and paste description again, bold new information.)	tion strikethrough all deletions, and insert and
MTH 130 Contemporary Mathematics Prerequisite: "C" grade or better in MTH approved score on a departmental place Education Course (Basic Required Cours solving and applications of mathematics studied will include, but not limited to: the geometry, probability, statistics, and mat May not count towards a mathematics m be taken Pass/Not Pass. 3(3-0) F,S	ment test. General ses). This is a problem course. Topics to be a art of problem solving, hematics of finance.	MTH 130 Contemporary M Prerequisite: "C" grade or b approved score on a depart Education Course (Basic Re solving and applications of a studied will include, but not geometry, probability, statis	etter in MTH 102 or MTH 103 or the timental placement test. General equired Courses). This is a problem mathematics course. Topics to be limited to: the art of problem solving, tics, and mathematics of finance. athematics major or minor. May not TH 130 does not meet the
What is changing? Check all boxes that a	ipply.	·l·	
☐Course Deletion ☐Course Code			□Prerequisite
☐Credit Hours/Contact Hours	□Periodicity	Description	
Reason for Proposed Change or Deletion Clarity of prerequisite.			
How Did You Determine the Need For The Persistent student belief to the contrary.	nis Change or Deletion?		
COMPLETE NEW CATALOG INFORMATIO MTH 130 Contemporary Mathematics Prerequisite: "C" grade or better in MTH 10 Course (Basic Required Courses). This is but not limited to: the art of problem solving mathematics major or minor. May not be to	02 or MTH 103 or approve a problem solving and ap g, geometry, probability, s	plications of mathematics cou tatistics, and mathematics of	rse. Topics to be studied will include, finance. May not count towards a
Check if this is a <b>non-substantive</b> change Faculty Senate; 600- through 900-level courses: thre approval.			
Substantive Change: Department routes according (please check all that apply and send to first council, form for each additional council/committee marked	/committee marked). If proposa	al needs to go through more than on	e council/committee, forward one additional
<u>X</u> Collège Council	approval, College Counci committee/council or di	I will forward appropriate numb rectly to the Faculty Senate if no	go through College Council first. After er of copies to the next further committee approval is needed. finally signed copies to the Faculty
Professional Education Committee	(Considers all substantive	e course changes for Professiona	al Education courses and Teaching
Committee on General Education and Intercollegiate Programs	Methods courses.) (Considers all substantive proposals.)	e course changes for General Ed	ucation and Intercollegiate Program
Graduate Council	(Considers all 600-900 le	2	12/10
Signature ////////////////////////////////////	MIN	Date	1412

Department <u>Mathematics</u>	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.)
MTH 135 College Algebra Prerequiste: "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	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
What is changing? Check all boxes that apply.	
□Course Deletion □Course Code □Course N	
©Credit Hours/Contact Hours □Periodici	ty ADescription
polynomial, rational, exponential and logarithmic functions; and systems of toward graduation for MTH 138 only. This course will not count toward a m to take MTH 181, MTH 285, or MTH 287. This course may not be taken Pa	elacement score. MTH 130 does not meet the prerequisite for MTH 135. e study of linear and quadratic equations; inequalities and their applications; fequations. A student who takes MTH 135 and MTH 138 receives credit nathematics major or minor. A grade of "C" or better is required in this course ass/Not Pass. 3(3-0) F,S  Intive changes of 100- through 500-level courses: two originally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after  ws of the Faculty. Forward three originally signed forms to one of the following osal needs to go through more than one council/committee, forward one additional
approval, College Cour committee/council or The last level of comm Senate.) Professional Education Committee (Considers all substant Methods courses.)	changes numbered 100-599 must go through College Council first. After noil will forward appropriate number of copies to the next directly to the Faculty Senate if no further committee approval is needed. Ittee/council will forward two originally signed copies to the Faculty live course changes for Professional Education courses and Teaching live course changes for General Education and Intercollegiate Program
Graduate Council (Considers all 600-900) Signature	level course changes.)  Date $\frac{2/3//2}{}$
Department Head	

Department <u>Mathematics</u>		Date 2/3/2012			
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MTH 796 Science Internship Completion of an internship project (480 related business, nonprofit organizat agency, approved and supervised by board internship advisors. Includes a fappropriate professional format, and an approved venue. Graded Pass/Not Pass hours may count toward a master's degree	ion, or government oth the departmental ormal report in the oral presentation at an only. No more than 6	MTH 796 Science Internship Completion of an internship project (480 hours) (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			
What is changing? Check all boxes that application □Course Code □Gredit Hours/Contact Hours Reason for Proposed Change or Deletion Hardcoded number of hours (480 hours) but a viapplies to PSM but not to other MTH degree pro How Did You Determine the Need For This The hours are incorrectly stated as constant alth	□Course Nur □Periodicity ariable number of credits. ograms. change or Deletion?	成Descripti The number of hours shoul	d be proportional to the credit. This course		
COMPLETE NEW CATALOG INFORMATION MTH 796 Science Internship Completion of an internship project (at leas government agency, approved and supervis appropriate professional format, and an ora may count toward a master's degree. This complete the county Senate; 600-through 900-level courses: three secretary.	st 80 hours per credit ho sed by both the departm al presentation at an app course may only be coun Distribution for non-substantiv	nental and internship addenoved venue. Graded Panted toward the PSM optoxecomes of 100-through 500 ptoxecomes of 100-through 5	visors. Includes a formal report in the ass/Not Pass only. No more than 6 hours tion of the MNAS degree. 1-6 F,S,Su 0-level courses: two originally-signed copies to		
approval: Substantive Change: Department routes according to (please check all that apply and send to first council/coform for each additional council/committee marked. S	ommittee marked). If proposa	I needs to go through more th	an one council/committee, forward one additional		
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 Committee on General Education and Intercollegiate Programs	(Considers all substantive course changes for Professional Education courses and Teaching Methods courses.) (Considers all substantive course changes for General Education and Intercollegiate Program proposals.)				
X Graduate Council  Wannilla III I I I I I I I I I I I I I I I I	(Considers all 600-900 lev		2/3/12		
Signature <u>(VVV) U/V ///P///////V</u> Department Head		Date	43/12		

FS Course Change - 9/10/2010

Department Mathematics	40.000		Date_	2/3/2012	
					•
Title of Program Affected Master of Science	ence, Mathematic	<u> </u>			
Major Comprehensive Major Option	Minor C	ertificate	Certification	Academic Rules	Other
Present Catalog Description			alog Description		
(Cut and paste from web catalog or use most recent description.)		(Cut and paste description again, strikethrough all deletions, and insert and bold new information.)			
See attachment		See attachr	nent		
	•				
				sy-4-,	
What is changing? Check all boxes that app	dv				
Title change	•	on to progran	ı (maior) 3	Other Clarifica	tion
Course changes of under 18 hours		ram (major) t		outer <u>clarimer</u>	
Course changes of 18 hours or more		Program or option deletion			
REASON FOR PROPOSED CHANGE					
MTH 796 is a new course intended for MNA	S PSM degree bu	t is not a vali	d ontion for MS	The generic descri	ntion of 700
level courses is no longer sufficiently detaile	d.	it is not a van	a option for Mis.	. The generic descri	phon of 700-
				4	*
COMPLETE NEW CATALOG INFORMATION (	Typed)				
	. ,	•			
See attachment					
			Total	Hours_min. 32 hrs	. (no change)
DEDARTMENT, Boute according to ARTM	CEC 3D(4, 4) -4 D-1	<b>f.</b> ll - F.			
DEPARTMENT: Route according to ART VI, signed forms to one of the following (please					
If the program needs to go through more th	s check all that ap	piy and send	rward one addit	committee market	u). . additional
council/ committee marked.	ian one committee	e, courien, ro	wara one addit	ional form for each	auditional
College Council	(Send all underg	raduate progr	am changes throw	gh College Council as	first stan
	before forwardir	ng either to PE	C, CGEIP, or direct	ily to Faculty Senate)	mat steh
Professional Education Committee					Education !
FIOIESSIONAL Education Committee	Specialist degree		s affecting BS and	MS in Education and	Educational
		·		_	
Committee on General Education and Intercollegiate Programs	(Considers all ge	neral educatio	on and multi-colleg	e program changes)	
X Graduate Council	(Considers all graduate-level program changes)				
II Alan		·	<u> </u>		
No. of 11.111			,	,	
Signature KMMUN // M/MAN	<u>/</u>	1	Date	112	
Department Head			•		

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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.

 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)

 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.

Department Physics, Astronomy and	Materials Science	Date January 25, 2012			
Check one: This is a change to _x_	an existing COURSE	•			
		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		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		Completion of an internship project (480 hours80 hours/credit hour) at a discipline-related business, nonprofit organization, or governmer 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 master's degree. 1-6 F,S,Su			
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approved and supervised by both the departn	N (typed) /credit hour) at a discipline-rnental and internship advisor	elated business, nonprofit organization, or government agency, s. Includes a formal report in the appropriate professional format, and			
an oral presentation at an approved venue. G	raded Pass/Not Pass only. No	more than 6 hours may count toward a master's degree. 1-6 F,S,Su			
Faculty Senate; 600- through 900-level courses: threapproval.	ee originally-signed copies to Gra	re changes of 100- through 500-level courses: two originally-signed copies to iduate Council. Graduate Council will give two copies to Faculty Senate after			
(please check all that apply and send to first council,	/committee marked). If proposal	of the Faculty. Forward three originally signed forms to one of the following needs to go through more than one council/committee, forward one additional definitions of substantive/non-substantive changes.			
X 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  Committee on General Education	Methods courses.)	course changes for Professional Education courses and Teaching course changes for General Education and Intercollegiate Program			
and Intercollegiate Programs	proposals.)	course changes for deficial concation and interconceptate Flugiditi			
X Graduate Council	(Sonsiders all 600-900 lev	el course changes.)			
Signature Value M U Department Head		Date			

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FS Course Change - 9/10/2010