



# MISSISSIPPI STATE UNIVERSITY<sup>TM</sup>

## *UNIVERSITY COMMITTEE ON COURSES AND CURRICULA*

### A MEMORANDUM

DATE: January 12, 2016  
TO: UCCC Members  
FROM: Kirk Swortzel, Chair  
SUBJECT: January 22, 2016 Meeting

Enclosed are the minutes from the meeting on December 15, 2015 and the agenda and course proposals for the meeting on **Friday, January 22, 2016 beginning at 1:30 p.m.** The January meeting will be held in Room 324 of the Student Union. Please contact the UCCC office if you are unable to attend.

Thank you.

Enclosures: December 15, 2015 Meeting Minutes  
Course/Curriculum Proposals

**AGENDA**  
**UNIVERSITY COMMITTEE ON COURSES AND CURRICULA**  
**January 22, 2016**

1. Welcome
2. Approval of minutes
3. Course proposals by college/school:

**AGRICULTURE AND LIFE SCIENCES**

Addition	<a href="#">ADS 4772</a> /6772	Equine Training and Clinic Development
----------	--------------------------------	--

**ARTS AND SCIENCES**

Addition	<a href="#">EN 4893</a> /6893	American Literature to 1800
+Distance	<a href="#">FLG 1123</a>	German II
Modification +Distance	<a href="#">HI 4263</a> /6263	America's Vietnam War

**EDUCATION**

Modification +Distance	<a href="#">EDE 8313</a>	Theory and Development of Early Childhood Education
+Distance	<a href="#">EDE 8473</a>	The Elementary Social Studies Curriculum
+Distance	<a href="#">EDE 8623</a>	Content Area Literacy Instruction
+Distance	<a href="#">EDE 8633</a>	The Teaching of Writing
Modification +Distance	<a href="#">EDE 8713</a>	Educating Young Adolescents
Modification	<a href="#">EPY 8763</a>	Advanced Applied Behavior Analysis
+Distance	<a href="#">RDG 8713</a>	Teaching Struggling Readers and Writers

**ENGINEERING**

Deletion	<a href="#">ME 3533</a>	Thermodynamics
Modification	<a href="#">ME 4111</a>	Professional Development Seminar

**FOREST RESOURCES**

Addition +Distance	<a href="#">FO 4663</a> /6663	Consulting Forestry
Addition +Distance	<a href="#">FO 4683</a> /6683	Introduction to Urban and Community Forestry
Addition +Distance	<a href="#">FO 4573</a> /6573	Ecology of Managed Forests
Addition +Distance	<a href="#">FO 8571</a>	Emerging Issues in Forest Ecosystems
Addition +Distance	<a href="#">FO 8673</a>	Planning and Evaluation in Natural Resources Outreach Education
Modification	<a href="#">NREC 3213</a>	Environmental Measurements

#### 4. Degree proposals by college/school

##### **BUSINESS**

Modification	BACC	Bachelor of Accountancy/Writing Requirement
Modification	BACC-Meridian	Bachelor of Accountancy/Meridian
Modification	BBA-Meridian	Meridian Campus/Accounting, Business Administration, Healthcare Administration, Information Systems, Management, Marketing, Technology Management <b>to</b> Business Administration and Healthcare Administration

##### **EDUCATION**

Modification	MS	Elementary Education: General Elementary Education, Early Childhood, Middle Level Education
--------------	----	---

##### **ENGINEERING**

Modification	BS	Aerospace Engineering
Addition	Minor	Global Engineering Leadership (Tabled at 12/15/2015 meeting)

**University Committee on Courses and Curricula  
Mississippi State University  
December 15, 2015**

- Present: Amy Adkerson, Shrinidhi Ambinakudige, Tracey Baham, Russell Carr, Mike Cox, Dana Franz, Robert Harland, Christina Hillesheim, Trey Howell, Skip Jack, Qingmin Meng, Lynda Moore, Rob Moore, Kelly Moser, Emily Owen, Tommy Parker, Andy Perkins, John Rigsby, Barry Stewart, Pam Sullivan, Kirk Swortzel, Jenny Turner, Tom White, Robert Wolverton, Chien Yu
- Excused: Amy Crumpton, Robert Frey, Kevin Hunt, Brenda Kirkland, Pat Matthes, Bob Otondo, Lynn Reinschmiedt, John Riggins, Arnelle Woods
- Guests: Kylie Amato, Angi Bourgeois, Charles Freeman, Seamus Freyne, Allison Gardner, Jessica Graves, Missy Hopper, Caroline Kobia, JuYoung Lee, Phyllis Lee, Galyna Melnychuk, Susan Seal, Rani Sullivan, Jessica Wells, Scott Willard

Swortzel called the meeting to order at 1:30 p.m. on Tuesday, December 15, 2015 in Room 324 of the Student Union. Swortzel announced the program forms for the UCCC on-line system are still being developed, the special topic eForm will be activated at the beginning of 2016, and the election for the 2016-2017 UCCC Chair will be held at the January 22, 2016 meeting.

Cox moved to approve the November 20, 2015 minutes. Stewart seconded the motion. The November 20, 2015 minutes were approved unanimously.

Swortzel announced that there would be one deviation from the agenda because Associate Dean Terry Jayroe from the College of Education requested the modification of the MAT/Secondary that was approved during the 2014-2015 academic year be rescinded. The modification of the MAT/Secondary was passed contingent at the January 23, 2015 UCCC meeting, approved by the UCCC Chair on April 14, 2015, approved by the Graduate Council on May 7, 2015, and approved by the Chair of the Deans Council on July 6, 2015. Swortzel announced the new program was problematic for the students, and he had a memo from the Interim Department Chair, the Graduate Program Coordinator and the Associate Dean outlining that the secondary education faculty voted to revert to the previous program. Committee members questioned what would happen to the courses that were part of the modification and what the effective date would be. Franz moved to rescind the modification of the MAT/Secondary that was passed contingent on January 23, 2015 and approved by the UCCC Chair on April 14, 2015. Rigsby seconded the motion. The motion to rescind was approved unanimously.

Perkins moved to approve the addition of ASE 3233 Aerospace Structural Analysis I and ASE

3243 Aerospace Structural Analysis II. Carr seconded the motion. Dr. Rani Sullivan appeared in support of the proposal. Committee members pointed out the syllabus for ASE 3233 does not have a grading scale. A committee members asked if ASE 3233 is equivalent to ASE 3213 and if ASE 3243 is equivalent to ASE 3223 for academic forgiveness purposes. Dr. Sullivan said the courses would be equivalent. A committee member pointed out the fall semester information contained in the course description for ASE 3233 needs to be deleted. Rigsby moved to pass ASE 3233 and ASE 3243 contingent upon the above issues being addressed. Stewart seconded the motion. The motion to pass ASE 3233 and ASE 3243 contingent upon the above concerns being addressed was approved unanimously.

Perkins moved to approve the modifications of CE 4963 Steel Structures I, CE 4973 Concrete Structures I, and the modification of the BS in Civil Engineering: Environmental Engineering. Franz seconded the motion. The motion to approve the modifications of CE 4963, CE 4973, and the BS in Civil Engineering: Environmental Engineering was approved unanimously.

Perkins moved to approve the modification of ME 4403 Machine Design. Stewart seconded the motion. The motion to approve the modification of ME 4403 was approved unanimously.

Perkins moved to approve the addition of GE 3813 Challenges in Global Engineering and the addition of a minor in Global Engineering Leadership. Moser seconded the motion. Galyna Melnychuk appeared in support of the proposals. Committee members were concerned there are conflicts in the minor proposal about whether a native language may be used to meet the foreign language requirement and whether the list of foreign languages that may be taken to complete the minor is complete. Perkins moved to table GE 3813 and the minor in Global Engineering Leadership. Sundar Krishnan seconded the motion. The motion to table GE 3813 and the minor in Global Engineering Leadership was approved with one committee member opposing.

Franz moved to approve the addition of ART 3801 Art Field Study and the addition of distance education to ART 2103 Photography Survey. Carr seconded the motion. The motion to approve the addition of ART 3801 and the addition of distance education to ART 2103 was approved unanimously.

Franz moved to approve the modification of the BS in Veterinary Medical Technology. Yu seconded the motion. Dr. Allison Gardner appeared in support of the proposal. Committee members pointed out the wrong number of credit hours for CVM 3051 was listed on the proposal, the grade point average requirements are confusing, and in the science area of the proposal the chemistry language and requirements need to be clarified. Stewart moved to approve the modification of the BS in Veterinary Medical Technology contingent upon the above concerns being addressed. Moser seconded the motion. The motion to pass the modification of the BS in Veterinary Medical Technology contingent was approved unanimously.

Franz moved to approve the modification of the BS in Agronomy and the addition of a minor in Agronomy. Cox seconded the motion. The motion to approve the modification of the BS in Agronomy and the addition of a minor in Agronomy was approved unanimously.

Cox moved to approve the additions and general education designations of Social/Behavior Science for ADS 1013 Animal Agriculture and Society: Food for Thought and PO 1013 Animal Agriculture and Society: Food for Thought. Stewart seconded the motion. Swortzel reviewed the requirements for general education for Social/Behavior Science. Committee members discussed whether the courses fill the requirements for a general education course in the area of Social/Behavior Science. Carr called the question. The motion to approve the additions and general education designations for ADS 1013 and PO 1013 was approved unanimously.

Franz moved to approve the addition of AIS 2103 Seminar in International Studies in Agricultural Systems, the addition of GA 2103 Seminar in International Studies in Agricultural Systems, and the minor in International Studies in Agriculture. Cox seconded the motion. The motion to approve AIS 2103, GA 2103, and the minor in International Studies in Agriculture was approved unanimously.

Stewart moved to approve the addition of a MS in Fashion Design and Merchandising. Yu seconded the motion. Dr. Charles Freeman, Dr. Phyllis Miller, Dr. JuYoung Lee, and Dr. Caroline Kobia appeared in support of the proposal. Committee members pointed out that a catalog description is needed at the beginning of the proposal, and a graduate appointment needs to be added for one of the professors listed. The motion to approve the addition of the MS in Fashion Design and Merchandising was approved unanimously.

Cox moved to adjourn. Yu seconded the motion. The motion to adjourn was approved unanimously. The meeting was adjourned at 4:05 p.m.

APPROVAL FORM FOR

# DEGREE PROGRAMS

MISSISSIPPI STATE UNIVERSITY

**NOTE:** This form is a cover sheet that must accompany the degree program change proposal. The actual proposal should be prepared in accordance with format requirements provided in the *Guide and Format for Curriculum Proposals* published by the UCCC. Both cover sheet and proposal should be submitted, along with all required copies, to UCCC, Butler-Williams Building, Suite B, 100 Walker Road, (Mail Stop 9699).

**College or School:** Business **Department:** Adkerson School of Accountancy

**Contact Person:** John Rigsby **Phone:** 5-1640 **E-mail:** jrigsby@cobilan.msstate.edu

**Nature of Change:** Modification **Date Initiated:** 7/15 **Effective Date:** Fall 2015

**New or Current Degree Program Name:** Bachelor of Accountancy (BAcc)

**Summary of Proposed Changes:**

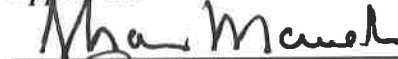
Currently the School's Writing Communication course requirements is limited to one of four communication courses: EN 3303 Creative Writing, EN 4223 Principles of Legal Writing, CO 2253 Fundamentals of Interpersonal Communications, and CO 3213 Small Group Communications.

The purpose of this modification is to add two more communication courses to the list from which students may choose to meet this requirement. The two courses we seek to add to the list are: EN 3313 Writing for the Workplace; EDF 3413 Writing for Thinking. No other changes are being requested with this modification.

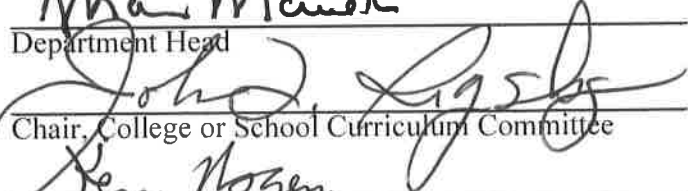
The change is to allow BAcc students more flexibility in meeting the 3 hour communication requirement of the degree.

Approved:

Date:



Department Head

  
Chair, College or School Curriculum Committee

  
Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council

9.10.15

Aug 9, 2015

9/11/15

## Degree Program Modification:

### Before Proposed Changes:

#### Richard C. Adkerson School of Accountancy BACC Program of Study

##### General Education Requirements

###### English Composition

EN 1103	English Composition I	3
Or EN 1163	Accelerated English Composition I	
EN 1113	English Composition II	3
Or EN 1173	Accelerated Composition II	3

###### Mathematics & Statistics

MA 1313	College Algebra	3
MA 1613	Calculus For Business and Life Sciences I	3

See major requirements 3

###### Natural Science

2 courses with labs from General Education courses 6

Humanities 6

See General Education

Fine Arts 3

See General Education

Social/ Behavioral Sciences 3

PS 1113 3

See General Education (Excluding: AEC and EC) 3

###### Accounting Major requirements

##### Oral Communication Requirement

CO 1003	Fundamentals of Public Speaking	3
Or CO 1013	Introduction to Communication	

##### Computer Literacy

BIS 1012	Introduction to Business Information Systems	2
----------	--	---

International Elective 3

##### Elective

See Adkerson School of Accountancy list

##### Pre-Accounting Core

ACC 2013	Principles of Financial Accounting	3
ACC 2023	Principles of Managerial Accounting	3

BQA 2113 Business Statistical Methods I 3

EC 2113 Principles of Macroeconomics 3

EC 2123 Principles of Microeconomics 3

BL 2413 The Legal Environment of Business 3

##### Business Ethics

PHI 3013 Business Ethics 3

Writing Communication Course 3

##### Course

Choose one of the following:

EN 3303 Creative Writing 3

EN 4223 Principles of Legal Writing 3

CO 2253 Fundamentals of Interpersonal Communication 3

CO 3213 Small Group Communication 3

### After Proposed Changes:

#### Richard C. Adkerson School of Accountancy BACC Program of Study

##### General Education Requirements

###### English Composition

EN 1103	English Composition I	3
Or EN 1163	Accelerated English Composition I	
EN 1113	English Composition II	3
Or EN 1173	Accelerated Composition II	3

###### Mathematics & Statistics

MA 1313	College Algebra	3
MA 1613	Calculus For Business and Life Sciences I	3

See major requirements 3

###### Natural Science

2 courses with labs from General Education courses 6

Humanities 6

See General Education

Fine Arts 3

See General Education

Social/ Behavioral Sciences 3

PS 1113 3

See General Education (Excluding: AEC and EC) 3

###### Accounting Major requirements

##### Oral Communication Requirement

CO 1003	Fundamentals of Public Speaking	3
Or CO 1013	Introduction to Communication	

##### Computer Literacy

BIS 1012	Introduction to Business Information Systems	2
----------	--	---

International Elective 3

##### Elective

See Adkerson School of Accountancy list

##### Pre-Accounting Core

ACC 2013	Principles of Financial Accounting	3
ACC 2023	Principles of Managerial Accounting	3

BQA 2113 Business Statistical Methods I 3

EC 2113 Principles of Macroeconomics 3

EC 2123 Principles of Microeconomics 3

BL 2413 The Legal Environment of Business 3

##### Business Ethics

PHI 3013 Business Ethics 3

Writing Communication Course 3

##### Course

Choose one of the following:

EN 3303 Creative Writing 3

EN 4223 Principles of Legal Writing 3

CO 2253 Fundamentals of Interpersonal Communication 3

CO 3213 Small Group Communication 3

EN 3313 Writing for the Workplace 3

EDF 3413 Writing for Thinking 3



Upper-level Business Courses			Upper-level Business Courses		
MGT 3114	Principles of Management and Production	4	MGT 3114	Principles of Management and Production	4
MGT 3213	Organizational Communication	3	MGT 3213	Organizational Communication	3
BQA 3123	Business Statistical Methods II	3	BQA 3123	Business Statistical Methods II	3
BL 3223	The Law of Commercial Transactions	3	BL 3223	The Law of Commercial Transactions	3
MKT 3013	Principles of Marketing	3	MKT 3013	Principles of Marketing	3
BIS 3233	Management Information Systems	3	BIS 3233	Management Information Systems	3
FIN 3123	Financial Management	3	FIN 3123	Financial Management	3
BUS 4853	Business Policy	3	BUS 4853	Business Policy	3
Upper-level Accounting Courses			Upper-level Accounting Courses		
ACC 3003	Accounting Information Systems I	3	ACC 3003	Accounting Information Systems I	3
ACC 3013	Cost Accounting	3	ACC 3013	Cost Accounting	3
ACC 3023	Intermediate Accounting I	3	ACC 3023	Intermediate Accounting I	3
ACC 3033	Intermediate Accounting II	3	ACC 3033	Intermediate Accounting II	3
ACC 3053	Accounting Information Systems II	3	ACC 3053	Accounting Information Systems II	3
ACC 4013	Income Tax I	3	ACC 4013	Income Tax I	3
ACC 4033	Auditing	3	ACC 4033	Auditing	3
<b>Accounting Elective</b>		3	<b>Accounting Elective</b>		3
Choose one of the following :			Choose one of the following :		
ACC 4023	Advanced Accounting	3	ACC 4023	Advanced Accounting	3
ACC 4043	Municipal and Governmental Accounting	3	ACC 4043	Municipal and Governmental Accounting	3
ACC 4053	International Accounting	3	ACC 4053	International Accounting	3
Income Tax II		3	Income Tax II		3
<b>Free Electives (Consult Advisor)</b>		10	<b>Free Electives (Consult Advisor)</b>		10
<b>Total Hours</b>		124	<b>Total Hours</b>		124

### 3. Justification and Student Learning Outcome

The Adkerson School of Accountancy would like to provide its students with greater flexibility in meeting the written communication requirements of the degree Bachelor of Accountancy (BAcc) program. Currently the 3 hour writing communication requirement may be met by one of four courses: EN 3303 Creative Writing, EN 4223 Principles of Legal Writing, CO 2253 Fundamentals of Interpersonal Communications, and CO 3213 Small Group Communications. Our purpose with this modification is to add two more written communication courses that accounting majors may take to satisfy the written communication requirement: EN 3313 Writing for the Workplace; EDF 3413 Writing for Thinking.

There has been no change in student learning outcomes.

### 4. Support

This change was approved unanimously by the Adkerson School of Accountancy as indicated in the attached letter of support. The degree modification requires no additional faculty support at current or expected enrollment levels. The School currently has sufficient personnel and other infrastructure to make this change.

### 5. Proposed 4-Letter Abbreviation

The abbreviations for the MPA program will not change.

### 6. Effective Date

Fall 2015

Adkerson School of Accountancy  
40 Old Main, Suite 300D

August 8, 2015

To the University Courses & Curriculum Committee:

The faculty of the Adkerson School of Accountancy support the proposed modification to the accounting curriculum of adding two more communication courses for undergraduate accounting students in meeting the 3 hour Writing Communication requirement, i.e., EN 3315 Writing for the Workplace and EDF 3413 Writing for Thinking.

  
Noel Addy  
Shawn Mauldin  
John Rigsby  
Alan Stancill  
Zach Webb  
Nathan Berglund  
Francis McNair  
Ryan Seay  
Brad Trinkle

# DEGREE PROGRAMS

## MISSISSIPPI STATE UNIVERSITY

NOTE: This form is a cover sheet that must accompany the degree program change proposal. The actual proposal should be prepared in accordance with format requirements provided in the *Guide and Format for Curriculum Proposals* published by the UCCC. Both cover sheet and proposal should be submitted, along with all required copies, to UCCC, Garner Hall, Room 279, Mail Stop 9702.

College: **Business**Department: Dean's OfficeContact Person: **Kevin Rogers**

Mail Stop: 9585 E-mail: kevin.rogers@msstate.edu

Nature of Change: **Modification**Date Initiated: **July 2015** Effective Date: June 2016Degree to be offered at: **MSU Meridian campus**Current Degree Program Name: **Bachelor of Accountancy**Major: **Accounting**

Concentration:

New Degree Program Name: **N/A**

Major:

Concentration:

### Summary of Proposed Changes:

Begin offering the Bachelor of Accountancy, major in Accounting, at the MSU Meridian campus.

Approved:

Date:

Dean Meridian8.24.15

Department Head

John Rogers8-24-15

Chair, College or School Curriculum Committee

Dean Meridian1-7-16

Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council



IHL Action Required



SACS Letter Sent

**DEGREE MODIFICATION PROPOSAL****1. CATALOG DESCRIPTION**

See below.

**2. CURRICULUM OUTLINE**

CURRENT Degree Description	PROPOSED Degree Description
<b>Degree: Bachelor of Accountancy</b> <b>Major: Accounting</b>	<b>Degree: Bachelor of Accountancy</b> <b>Major: Accounting</b>
<p>The Richard C. Adkerson School of Accountancy is a professional school whose mission is to prepare students for successful careers in accountancy. Such career preparation includes a wide range of professional accounting activities, general education, and broad training in business administration. This program of study gives students the basic preparation for positions in all areas of accounting including, but not limited to, public, private, and governmental accounting. It also (1) requires students to take a planned and coordinated non-business program designed to increase their cultural appreciation and give them a broad knowledge of world affairs and (2) permits the election of additional non-business courses according to the interests of the individual student.</p> <p>The accountancy program is accredited by the AACSB (The International Association for Management Education) as part of the overall accreditation of the College of Business as well as the separate and additional accreditation of accounting programs.</p> <p><b>Certification</b></p> <p>The Bachelor of Accountancy Degree (BACC) from the Adkerson School of Accountancy, Mississippi State University, is recognized by those states requiring the baccalaureate degree as a minimum, as fulfilling all the educational requirements for eligibility to sit for the Certified Public Accountant (CPA) examination. It is also recognized as meeting educational requirements to sit for the Certificate in Management Accountant (CMA) and the Certified Internal Auditor (CIA) examinations. Graduates are encouraged to seek professional certification in one or more areas by passing these examinations.</p> <p>The American Institute of Certified Public Accountants (AICPA) which prepares and grades the CPA examination, has urged the requirement of five years of academic preparation and has reflected this in the CPA examination. Students who aspire to become certified public accountants should consider the Master of Professional Accountancy or Master of Taxation programs herein described, in addition to the BACC.</p> <p><b>Admission</b></p> <p><b>Pre-Accountancy (PACC)</b> - All students desiring to major in accounting will be admitted into Pre-Accountancy in the Adkerson School of Accountancy at Mississippi State University. Admission to the University is equivalent to admission</p>	<p>There are no proposed changes to the catalog description or curriculum.</p>

to Pre-Accountancy. International students need a 575 TOEFL score to be admitted to Pre-Accountancy.

**Bachelor of Accountancy (BACC) Candidate -** Requirements for admission as a candidate for the BACC degree are listed below. Students will not be allowed to take 4000-level accounting courses if they have not been admitted to the Adkerson School of Accountancy, as an Accounting major.

1. A student must complete 60 hours or more of college credit earned toward the BACC degree.
2. A student must complete the pre-accountancy core listed below with a 2.6 GPA on all college work attempted and a 2.6 GPA on the 18 hours of pre-accountancy core.
3. A student must complete Principles of Financial Accounting and Principles of Managerial Accounting with at least a B in each of the two courses.

#### **Graduation**

#### **Bachelor of Accountancy (BACC) -**

Requirements for a BACC Degree from the Adkerson School of Accountancy are listed below. It is the student's responsibility to complete the requirements of the BACC curriculum before applying for a degree.

1. A student must be a BACC candidate and complete the required curriculum and a minimum of 124 semester hours.
2. A student must achieve at least a 2.5/4.00 GPA in upper-division business, economics, and statistics courses.
3. A student must achieve at least a 2.5/4.00 GPA in upper-division accounting courses with at least a C in each upper-division accounting course. A student who makes less than a C in an upper-division accounting course must repeat that course the next regular semester that the student is enrolled and the course is offered. Students will be permitted to repeat an upper-division accounting course only once in an effort to make a C in the course. If they make less than a C in two attempts in a specific course, they will no longer be able to continue in the accounting program.
4. A student must achieve an overall and MSU GPA of at least 2.0 on a 4.0 scale.

<b>CURRENT CURRICULUM OUTLINE</b>	Require d Hours	<b>PROPOSED CURRICULUM OUTLINE</b>	Required Hours

English (Ex: EN 1103 English Comp I):	6	English (Ex: EN 1103 English Comp I):	6
Fine Arts (General Education):	3	Fine Arts (General Education):	3
Natural Sciences (2 labs required from Gen Ed):	6	Natural Sciences (2 labs required from Gen Ed):	6
Math (General Education): MA 1313 MA 1613 BQA 2113	9	Math (General Education): MA 1313 MA 1613 BQA 2113	9
Humanities (General Education):	6	Humanities (General Education):	6
Social/Behavioral Sciences (Gen Ed): PS 1113 See General Ed (excluding AEC and EC)	6	Social/Behavioral Sciences (Gen Ed): PS 1113 See General Ed (excluding AEC and EC)	6
Accounting Major Requirements CO 1003 Public Speaking BIS 1012 Intro to BIS International elective  Pre-Accounting Core ACC 2013 Prin. of Financial Accounting ACC 2023 Prin. of Managerial Accounting EC 2113 Prin. of Macroeconomics EC 2123 Prin. of Microeconomics BL 2413 Legal Environment of Business  PHI 3013 Business Ethics EN 3303 or EN 4223 or CO 2253 or CO 3213  MGT 3114 Prin. of Mgt. & Prod. MGT 3213 Org. Communications BQA 3123 Business Statistical Methods II BL 3223 Law of Commercial Transactions MKT 3013 Prin. of Marketing BIS 3233 Mgt. Info. Systems FIN 3123 Financial Management BUS 4853 Business Policy  Upper level Accounting Courses:	88	Accounting Major Requirements CO 1003 Public Speaking BIS 1012 Intro to BIS International elective  Pre-Accounting Core ACC 2013 Prin. of Financial Accounting ACC 2023 Prin. of Managerial Accounting EC 2113 Prin. of Macroeconomics EC 2123 Prin. of Microeconomics BL 2413 Legal Environment of Business  PHI 3013 Business Ethics EN 3303 or EN 4223 or CO 2253 or CO 3213 or <b>EN 3313 or EDF 3413*</b>  MGT 3114 Prin. of Mgt. & Prod. MGT 3213 Org. Communications BQA 3123 Business Statistical Methods II BL 3223 Law of Commercial Transactions MKT 3013 Prin. of Marketing BIS 3233 Mgt. Info. Systems FIN 3123 Financial Management BUS 4853 Business Policy  Upper level Accounting Courses:	88

ACC 3003 Accounting Info Systems I ACC 3013 Cost Accounting ACC 3023 Intermediate Acc I ACC 3033 Intermediate Acc II ACC 3053 Accounting Info Systems II ACC 4013 Income Tax I ACC 4033 Auditing ACC elective (3 hours) General electives (10 hours)		ACC 3003 Accounting Info Systems I ACC 3013 Cost Accounting ACC 3023 Intermediate Acc I ACC 3033 Intermediate Acc II ACC 3053 Accounting Info Systems II ACC 4013 Income Tax I ACC 4033 Auditing ACC elective (3 hours) General electives (10 hours)	
Total Hours	124	Total Hours	124

### 3.JUSTIFICATION AND STUDENT LEARNING OUTCOMES

The College of Business is streamlining offerings at the MSU-Meridian Division of Business (DOB) and aligning programs more closely with the Starkville campus. Currently, the DOB offers the Bachelor of Business Administration with major BUSI and a concentration for Accounting. On the Starkville campus, the Bachelor of Accountancy (BACC) degree is offered. Under this proposal, the BACC will be offered to Meridian DOB students. An accompanying proposal deletes the current BBA-BUSI accounting concentration. Upon approval of both proposals, accounting students at both Starkville and Meridian campuses will pursue the same degree program.

During the most recent AACSB accounting accreditation visit in February 2012, the accounting peer-review team cited the need for the Starkville School of Accountancy to have oversight over the Meridian DOB accounting program. Currently, these two programs have different requirements. This proposal would align the two programs so that accounting students on either campus will be pursuing the same degree. This will allow Meridian students the opportunity to earn the more recognizable bachelor's degree by the accounting profession. This change will also demonstrate better oversight for the Starkville campus and clearer alignment of the programs, in preparation for our next AACSB accounting accreditation visit in spring 2017.

\*There is an accompanying proposal to add EN 3313 and EDF 3413 as approved writing courses for the BACC. If that proposal is approved and the BACC is approved for MSU-Meridian, then EN 3313 and EDF 3413 should be acceptable for the BACC on both campuses.

Learning outcomes for the BACC (both campuses):

- Students will demonstrate proficiency in the use of information technology tools and concepts vital to success in the accounting profession
- Students will demonstrate proficiency in written communication skills.
- Students will exhibit an understanding of interpersonal and team dynamics.



**MISSISSIPPI STATE**  
UNIVERSITY™

**COLLEGE OF BUSINESS**

Office of the Dean

P.O. Box 5288

114 McCool Hall

Mississippi State, MS 39762

P. 662.325.2580

F. 662.325.2410

[www.business.msstate.edu](http://www.business.msstate.edu)

To: Kirk Swortzel, Chair  
UCCC

From: Kevin Rogers *Ken Rogers*  
Associate Dean  
College of Business

Subject: Proposals to modify business offerings at MSU-Meridian

The College of Business seeks to modify the business offerings at MSU-Meridian in preparation for our AACSB accreditation visit in spring 2017. These two modifications will address issues arising from our last AACSB review in 2012. One proposal modifies the BBA degree and one the BACC degree. More detail is given in the justification section of each proposal.

These proposals were first circulated to the Meridian business faculty in August 2015. Despite repeated attempts, they chose not to sign a letter of support, even though the letter gave them the option to support or not support the proposal (enclosed with the proposal). The College Curriculum Committee, including representation from the Meridian faculty, approved the proposals by a vote of 4 in favor and 1 abstention. These are now being submitted to the UCCC for review.

A third proposal is also included for the BACC. This is unrelated to the Meridian proposals, but since it modifies the BACC, it was held until the Meridian BACC proposal was ready for the UCCC to keep the committee from having to review the BACC twice in the same year.

I plan to attend the UCCC and will be glad to answer any questions about these proposals.




August 22, 2015


To the University Courses & Curriculum Committee:


The faculty of the Adkerson School of Accountancy in Starkville and Meridian support the proposed course changes to the degree programs at Meridian, i.e., the establishment of a Bachelor of Accountancy at Meridian with a major in accounting.


Starkville:

  
\_\_\_\_\_  
Noel Addy

  
\_\_\_\_\_  
Berglund, Nathan

  
\_\_\_\_\_  
Mauldin, Shawn

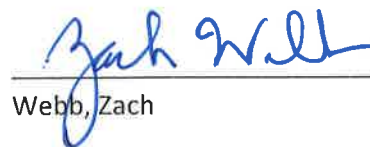
  
\_\_\_\_\_  
McNair, Francis

  
\_\_\_\_\_  
John Rigsby

  
\_\_\_\_\_  
Ryan Seay

  
\_\_\_\_\_  
Alan Stancill

  
\_\_\_\_\_  
Brad Trinkle

  
\_\_\_\_\_  
Webb, Zach

Meridian:

\_\_\_\_\_  
Joseph Faello

\_\_\_\_\_  
Kevin Ennis

APPROVAL FORM FOR

# DEGREE PROGRAMS

MISSISSIPPI STATE UNIVERSITY

**NOTE:** This form is a cover sheet that must accompany the degree program change proposal. The actual proposal should be prepared in accordance with format requirements provided in the *Guide and Format for Curriculum Proposals* published by the UCCC. Both cover sheet and proposal should be submitted, along with all required copies, to UCCC, Garner Hall, Room 279, Mail Stop 9702.

**College:** Business

**Department:** Dean's Office

**Contact Person:** Kevin Rogers **Mail Stop:** 9585 **E-mail:** kevin.rogers@msstate.edu

**Nature of Change:** Modification **Date Initiated:** July 2015 **Effective Date:** June 2016

**Degree to be offered at:** MSU Meridian campus

**Current Degree Program Name:** Bachelor of Business Administration

**Major:** BUSI

**Concentration:** Accounting, Business Administration, Healthcare Administration, Information Systems, Management, Marketing, Technology Management

**New Degree Program Name:** Bachelor of Business Administration

**Major:** BUSI

**Concentration:** Business Administration and Healthcare Administration,

**Summary of Proposed Changes:**

At the MSU Meridian campus, modify the BBA major by deleting the concentrations: Accounting, Information Systems, Management, Marketing, and Technology Management

**Approved:**

**Date:**



12/4/15

Department Head



12/4/2015

Chair, College or School Curriculum Committee



1-7-16

Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council



IHL Action Required



SACS Letter Sent

## DEGREE MODIFICATION PROPOSAL

### 1. CATALOG DESCRIPTION

See below.

### 2. CURRICULUM OUTLINE

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Bachelor of Business Administration Major: Business Administration Concentrations: <i>Accounting, Business Administration, Healthcare Administration, Information Systems, Management, Marketing, or Technology Management</i>		Degree: Bachelor of Business Administration Major: Business Administration Concentrations: Business Administration or Healthcare Administration	
The mission of the College of Business is to be a nationally recognized and respected college of business equipped to focus on dynamic and collaborative learning, innovative and distinctive research, and valued outreach activities in the state and region.		The mission of the College of Business is to be a nationally recognized and respected college of business equipped to focus on dynamic and collaborative learning, innovative and distinctive research, and valued outreach activities in the state and region.	
CURRENT CURRICULUM OUTLINE		PROPOSED CURRICULUM OUTLINE	
English (Ex: EN 1103 English Comp I):	6	English (Ex: EN 1103 English Comp I):	6
Fine Arts (General Education):	3	Fine Arts (General Education):	3
Natural Sciences (2 labs required from Gen Ed):	6-8	Natural Sciences (2 labs required from Gen Ed):	6-8
Math (General Education): MA 1313 MA 1613 BQA 2113	9	Math (General Education): MA 1313 MA 1613 BQA 2113	9
Humanities (General Education):	6	Humanities (General Education):	6
Social/Behavioral Sciences (Gen Ed): PS 1113 PSY 1013 or SO 1003 or AN 1103	6	Social/Behavioral Sciences (Gen Ed): PS 1113 PSY 1013 or SO 1003 or AN 1103	6
Major Core Courses CO 1003 Public Speaking ACC 2013 Prin. of Financial Accounting ACC 2023 Prin. of Managerial Accounting BL 2413 Legal Environment of Business EC 2113 Prin. of Macroeconomics EC 2123 Prin. of Microeconomics BIS 3233 Mgt. Info. Systems BIS 3713 Elec. Info. Systems BQA 3123 Business Statistical Methods II FIN 3113 Financial Systems	49	Major Core Courses CO 1003 Public Speaking ACC 2013 Prin. of Financial Accounting ACC 2023 Prin. of Managerial Accounting BL 2413 Legal Environment of Business EC 2113 Prin. of Macroeconomics EC 2123 Prin. of Microeconomics BIS 3233 Mgt. Info. Systems BIS 3713 Elec. Info. Systems BQA 3123 Business Statistical Methods II FIN 3113 Financial Systems	49

FIN 3123 Financial Management MGT 3114 Prin. of Mgt. & Prod. MGT 3213 Org. Communications MKT 3013 Prin. of Marketing BUS 4853 Business Policy International elective		FIN 3123 Financial Management MGT 3114 Prin. of Mgt. & Prod. MGT 3213 Org. Communications MKT 3013 Prin. of Marketing BUS 4853 Business Policy International elective	
<i>Concentration Courses</i> <i>Accounting Concentration:</i> ACC 3023 Intermediate Accounting I ACC 3033 Intermediate Accounting II ACC 3013 Cost Accounting ACC 3003 Accounting Info. Systems I ACC 4023 Advanced Accounting ACC 4013 Income Tax I ACC 4063 Income Tax II ACC 4033 Auditing General electives (13-15 hours)  Business Administration Concentration: Business area 1 (12 hours)* Business area 2 (6 hours)* Business area 3 (6 hours)* *Choose areas from ACC, BIS, HCA, MGT, or MKT General electives (13-15 hours)  Healthcare Administration Concentration: HCA 3313 Healthcare Systems HCA 3813 Healthcare Regulations HCA 4013 Ethical Issues in Healthcare HCA 4243 Managed Care HCA 4443 Healthcare Internship HCA 4803 Healthcare Policy General elective (19-21 hours)  <i>Information Systems Concentration:</i> BIS 3523 Adv. Languages I BIS 3753 Business Database Sys. BIS 4753 Struc. Sys. Analysis BIS 4763 BIS Senior Seminar BIS electives (6 hours) Computer related electives (6 hours) CSE electives (6 hours) General electives (7-9 hours)  <i>Management Concentration:</i> MGT 3513 Intro to HRM MGT 3813 Organizational Behavior MGT 4153 Management Seminar MGT electives (9 hours) General electives (19-21 hours)  <i>Marketing Concentration:</i>	37-39	Concentration Courses  Business Administration Concentration: Business area 1 (12 hours)* Business area 2 (6 hours)* Business area 3 (6 hours)* *Choose areas from ACC, BIS, HCA, MGT, or MKT General electives (13-15 hours)  Healthcare Administration Concentration: HCA 3313 Healthcare Systems HCA 3813 Healthcare Regulations HCA 4013 Ethical Issues in Healthcare HCA 4243 Managed Care HCA 4443 Healthcare Internship HCA 4803 Healthcare Policy General elective (19-21 hours)	37-39

MKT 4113 Personal Selling MKT 4413 Consumer Behavior MKT 4533 Marketing Research MKT 4813 Marketing Management MKT electives (9 hours) General electives (16-18 hours)  Technology Management Concentration: DTF 4936 Field Practicum I DTM 4213 MFG Reg Agencies DTM 4313 Transp & Packaging DTM 4413 Facility Operations DTM 4553 Prod Stds & Meas MGT 3413 Production Mgt MGT 4713 Quality In Orgs General electives (13-15 hours)			
Total Hours	124	Total Hours	124

### 3. JUSTIFICATION AND STUDENT LEARNING OUTCOMES

The College of Business is streamlining offerings at the MSU-Meridian Division of Business (DOB). Currently, the DOB offers one undergraduate degree and major, the Bachelor of Business Administration with major BUSI. Under this major, there are 7 concentrations: Accounting, Business Administration, Healthcare Administration, Information Systems, Management, Marketing, and Technology Management. This proposal seeks to delete the concentrations: Accounting, Information Systems, Management, Marketing, and Technology Management. The Business Administration and Healthcare Administration concentrations will remain in the major. An accompanying proposal will extend the Bachelor of Accountancy (BACC) available on the Starkville campus to the Meridian DOB. Upon approval of both proposals, business students at Meridian will have three options: BACC, BBA-BUSI-Business Administration, and BBS-BUSI-Healthcare Administration.

During the most recent AACSB accreditation visit in February 2012, the peer-review team cited the need to align the Meridian DOB more closely with the Starkville campus and reassess the viability of program offerings relative to the faculty cadre. Reviewing enrollments, from the fall 2014 semester, the number of students in each concentration were: Accounting (44), Business Administration (34), Information Systems (5), Healthcare Administration (20), Management (8), Marketing (3), and Technology Management (0). The concentrations to be eliminated have low enrollments. By removing these concentrations, the DOB will not have to offer as large a number of different courses to its students. This will result in more efficient allocation of faculty teaching assignments, and prepare the College of Business for our next AACSB accreditation visit in spring 2017.

Learning outcomes for the BBA-BUSI (all concentrations):

- Students will be able to critically analyze and interpret information to solve problems and make business decisions.
- Students will demonstrate proficiency in written communication skills.
- Students will understand the impact of a demographically and culturally diverse business environment.

Learning outcomes are unchanged.



**MISSISSIPPI STATE**  
UNIVERSITY™

**COLLEGE OF BUSINESS**

Office of the Dean

P.O. Box 5288

114 McCool Hall

Mississippi State, MS 39762

P. 662.325.2580

F. 662.325.2410

[www.business.msstate.edu](http://www.business.msstate.edu)

To: Kirk Swortzel, Chair  
UCCC

From: Kevin Rogers *Ku Rogers*  
Associate Dean  
College of Business

Subject: Proposals to modify business offerings at MSU-Meridian

The College of Business seeks to modify the business offerings at MSU-Meridian in preparation for our AACSB accreditation visit in spring 2017. These two modifications will address issues arising from our last AACSB review in 2012. One proposal modifies the BBA degree and one the BACC degree. More detail is given in the justification section of each proposal.

These proposals were first circulated to the Meridian business faculty in August 2015. Despite repeated attempts, they chose not to sign a letter of support, even though the letter gave them the option to support or not support the proposal (enclosed with the proposal). The College Curriculum Committee, including representation from the Meridian faculty, approved the proposals by a vote of 4 in favor and 1 abstention. These are now being submitted to the UCCC for review.

A third proposal is also included for the BACC. This is unrelated to the Meridian proposals, but since it modifies the BACC, it was held until the Meridian BACC proposal was ready for the UCCC to keep the committee from having to review the BACC twice in the same year.


I plan to attend the UCCC and will be glad to answer any questions about these proposals.


August 22, 2015


To the University Courses & Curriculum Committee:

The faculty of the Adkerson School of Accountancy in Starkville and Meridian support the proposal to change the concentrations of the Bachelor of Business Administration at Meridian from Accounting, Information Systems, Management, Marketing, and Technology Management to either Business Administration or Healthcare Management.

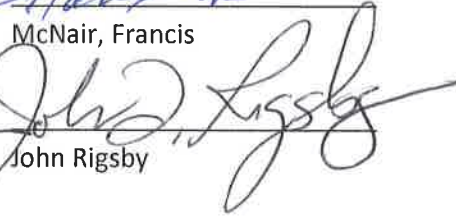
Starkville:

  
Noel Addy

  
Berglund, Nathan

  
Mauldin, Shawn

  
McNair, Francis

  
John Rigsby

  
Ryan Seay

  
Alan Stancill

  
Brad Trinkle

  
Webb, Zach

Meridian:

  
Joseph Faello

  
Kevin Ennis



**MISSISSIPPI STATE**  
UNIVERSITY™

**COLLEGE OF BUSINESS**

Office of the Dean

P.O. Box 5288

114 McCool Hall

Mississippi State, MS 39762

P. 662.325.2580

F. 662.325.2410

[www.business.msstate.edu](http://www.business.msstate.edu)

Date: August 25, 2015

To: College Curriculum Committee  
University Curriculum Committee

From: Meridian Division of Business faculty

Subject: Letter of Support for the modification of the BBA-BUSI and BACC

We support the modification of the BBA-BUSI major, deleting the concentrations in Accounting, Information Systems, Management, Marketing, and Technology Management. We also support the modification of the BACC to allow it to be offered at the Meridian campus.

Faculty:	Support	Do not support
_____ Kevin Ennis, Associate Professor of Accounting	_____	_____
_____ Joseph Faello, Assistant Professor of Accounting	_____	_____
_____ Yingge Qu, Assistant Professor of Marketing	_____	_____
_____ Natasha Randle, Associate Professor of Management	_____	_____
_____ Seungjae Shin, Professor of Information Systems	_____	_____
_____ Paul Spurlin, Assistant Professor of Finance	_____	_____
_____ Carlton Young, Associate Professor of Healthcare Administration	_____	_____



# DEGREE PROGRAMS

## MISSISSIPPI STATE UNIVERSITY

NOTE: This form is a cover sheet that must accompany the degree program change proposal. The actual proposal should be prepared in accordance with format requirements provided in the *Guide and Format for Curriculum Proposals* published by the UCCC. Both cover sheet and proposal should be submitted, along with all required copies, to UCCC, Garner Hall, Room 279, Mail Stop 9702.

College: Education

Department: Curriculum, Instruction & Special Education

Contact Person: Rebecca Robichaux-Davis    Mail Stop: 9705    E-mail: rrr102@msstate.edu

Nature of Change: Modification

Date Initiated: Fall 2015

Effective Date: Fall 2016

Degree to be offered at: Campus 1 and Campus 2

Current Degree Program Name: Master of Science

Major: Elementary Education

Concentration: General Elementary Education, Early Childhood, Middle Level Education

New Degree Program Name: Master of Science

Major: Elementary Education

Concentration: General Elementary Education, Early Childhood, Middle Level Education

### Summary of Proposed Changes:

1. Decrease the required minimum number of degree program hours to 33 (from 36) by requiring one less elective.
2. Require either EDE 8313, Theory & Development in Early Childhood Education, or EDE 8713, Educating the Young Adolescent, based on identified concentration; for the General Elementary Education concentration, either course would satisfy the degree program requirements.
3. Require EDE 8473, Elementary Social Studies Curriculum so that all four major areas of Elementary Education are studied through at least one required course.
4. Increase the number of required courses offered through Campus 5.

Approved:

Date:

Janice L. Nichols  
Department Head

11-30-15

Rebecca Robichaux-Davis  
Chair, College or School Curriculum Committee

1-7-16

Teressa Jayroe  
Dean of College of School

1-7-16

\_\_\_\_\_  
Chair, University Committee on Courses and Curricula

\_\_\_\_\_  
Chair, Graduate Council (if applicable)

\_\_\_\_\_  
Chair, Deans Council

<input type="checkbox"/>	IHL Action Required
--------------------------	---------------------

<input type="checkbox"/>	SACS Letter Sent
--------------------------	------------------

## DEGREE PROGRAM MODIFICATION PROPOSAL

### 1. CATALOG DESCRIPTION

**Current:** The Master of Science in Elementary Education requires 36 semester hours of graduate coursework beyond the bachelor's degree and successful completion of a comprehensive written examination. The master's program is designed to enhance the teaching practice of teachers in grades K-8 and in all content areas. Program graduates are eligible to be recommended for the Class AA Mississippi Educator License.

**Proposed:** The Master of Science in Elementary Education requires 33 semester hours of graduate coursework beyond the bachelor's degree and successful completion of a comprehensive written examination. The master's program is designed to enhance the teaching practice of teachers in grades K-8 and in all content areas. Program graduates are eligible to be recommended for the Class AA Mississippi Educator License.

### 2. CURRICULUM OUTLINE

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Master of Science Major: Elementary Education Concentrations: General Elem. Education, Early Childhood, Middle Level		Degree: Master of Science Major: Elementary Education Concentrations: General Elem. Education, Early Childhood, Middle Level	
The Master of Science in Elementary Education requires 36 semester hours of graduate coursework beyond the bachelor's degree and successful completion of a comprehensive written examination. The master's program is designed to enhance the teaching practice of teachers in grades K-8 and in all content areas. Program graduates are eligible to be recommended for the Class AA Mississippi Educator License.		The Master of Science in Elementary Education requires 33 semester hours of graduate coursework beyond the bachelor's degree and successful completion of a comprehensive written examination. The master's program is designed to enhance the teaching practice of teachers in grades K-8 and in all content areas. Program graduates are eligible to be recommended for the Class AA Mississippi Educator License.	
Master of Science in Elementary Education with General Elementary Concentration Master of Science in Elementary Education with Early Childhood Concentration Master of Science in Elementary Education with Middle Level Education Concentration		Master of Science in Elementary Education with General Elementary Concentration Master of Science in Elementary Education with Early Childhood Concentration Master of Science in Elementary Education with Middle Level Education Concentration	
CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
Major Required Courses: EDF 8363 – Function and Methods of Research in Education <i>EDE 8313 – Theory and Development of Early Childhood Education</i> <i>EDE 8713 – Education the Young Adolescent</i> EDE 8623 – Content Area Literacy Instruction EDE 8633 – The Teaching of Writing EDE 8733 – Teaching Physical, Life, and Earth Science in the Elementary and Middle School Classroom	24	Major Required Courses: EDF 8363 – Function and Methods of Research in Education <b>EDE 8313 – Theory and Development of Early Childhood Education</b> <b>OR</b> <b>EDE 8713 – Education the Young Adolescent</b> EDE 8623 – Content Area Literacy Instruction EDE 8633 – The Teaching of Writing EDE 8733 – Teaching Physical, Life, and Earth Science in the Elementary and Middle	24

EDE 8763 – Elementary and Middle Level Mathematics Education RDG 8713 – Teaching Struggling Readers and Writers		School Classroom EDE 8763 – Elementary and Middle Level Mathematics Education RDG 8713 – Teaching Struggling Readers and Writers <b>EDE 8473 – Elementary Social Studies Curriculum</b>	
Concentration 1. Courses – General Elementary: Select 4 electives from the following including at least two EDE and/or RDG courses: EDE 8513 – Curriculum and Program Developments in Early Childhood EDE 8423 – Elementary School Methods EDE 8433 – The Elementary School Curriculum EDE 8443 – Seminar in Elementary Education EDE 8463 – Readings and Research in Children’s Literature <i>EDE 8473 – Elementary Social Studies Curriculum</i> EDE 8523 – Practicum: Language Arts and Literacy Development in Early Childhood Education EDE 8533 – Behavioral Experiences in Early Childhood Education EDE 8543 – Mathematics Experiences in Early Childhood Education EDE 8893 – Directed Readings in Teacher Education RDG 6113 – Middle Level Literacy Development and Instruction RDG 8453 – Research in Reading RDG 8593 Issues and Innovations in Reading RDG 8653 – Teaching Reading in the Secondary Schools	12	Concentration 1. General Elementary: Select 3 electives from the following including at least two EDE and/or RDG courses: EDE 8513 – Curriculum and Program Developments in Early Childhood EDE 8423 – Elementary School Methods EDE 8433 – The Elementary School Curriculum EDE 8443 – Seminar in Elementary Education EDE 8463 – Readings and Research in Children’s Literature EDE 8523 – Practicum: Language Arts and Literacy Development in Early Childhood Education EDE 8533 – Behavioral Experiences in Early Childhood Education EDE 8543 – Mathematics Experiences in Early Childhood Education EDE 8893 – Directed Readings in Teacher Education RDG 6113 – Middle Level Literacy Development and Instruction RDG 8453 – Research in Reading RDG 8593 Issues and Innovations in Reading RDG 8653 – Teaching Reading in the Secondary Schools	9
Concentration 2. Courses – Early Childhood: EDE 8513 – Curriculum and Program Developments in Early Childhood  Select 2 electives from the following: EDE 8463 - Readings and Research in Children’s Literature EDE 8523 – Practicum: Language Arts and Literacy Development in Early Childhood Education EDE 8533 – Behavioral Experiences in Early Childhood Education EDE 8543 – Mathematics Experiences in Early Childhood Education	12	Concentration 2. Courses– Early Childhood: EDE 8513 – Curriculum and Program Developments in Early Childhood  Select 2 electives from the following: EDE 8463 - Readings and Research in Children’s Literature EDE 8523 – Practicum: Language Arts and Literacy Development in Early Childhood Education EDE 8533 – Behavioral Experiences in Early Childhood Education EDE 8543 – Mathematics Experiences in Early Childhood Education	9

<i>Select 1 elective graduate-level course</i>			
Concentration 3. Courses – Middle Level Education: Select three electives from the following: RDG 6113 – Middle Level Literacy Development and Instruction EDE 8473 – Elementary Social Studies Curriculum EDS 8683 – Dispositions and Reflective Practice in Teaching EDS 8243 – Advanced Planning and Managing of Learning EDS 8653 – Issues of Accountability in Schools EDS 8623 – Principles of Effective Instruction in Secondary Schools RDG 8653 – Teaching Reading in the Secondary Schools  <i>Select 1 elective graduate-level course</i>	12	Concentration 3. Courses – Middle Level Education: Select three electives from the following: RDG 6113 – Middle Level Literacy Development and Instruction EDS 8683 – Dispositions and Reflective Practice in Teaching EDS 8243 – Advanced Planning and Managing of Learning EDS 8653 – Issues of Accountability in Schools EDS 8623 – Principles of Effective Instruction in Secondary Schools RDG 8653 – Teaching Reading in the Secondary Schools	9
Total Hours	36	Total Hours	33

### 3. JUSTIFICATION AND STUDENT LEARNING OUTCOMES

**Justification** - The proposed program modifications are a result of an extensive review of data collected annually as part of the Institutional Effectiveness program review self-study process, as well as, data collected by Elementary Education program faculty from former candidates, potential candidates, and from neighboring peer institutions. In general, data indicate that enrollment in the Master of Science degree in Elementary Education is steadily declining and that candidates desire a more balanced degree program in terms of required course content and availability of course offerings through Campus 5. While faculty are not proposing to offer the entire degree program through Campus 5, faculty are proposing to offer many of the required courses through Campus 5. Below is an explanation and justification of each of the specific proposed modifications to the current degree program, as initially stated on the degree program cover page:

1. *Decrease the required minimum number of degree program hours to 33 hours by requiring one less elective* – Currently, the degree program requires 36 hours of course work. Typically candidates who are full-time complete the degree in four 9-hour semesters or three 12-hour semesters, which is quite challenging. However, many candidates attend part-time while continuing to teach in elementary classrooms and complete 3 to 6 hours per semester. A reduction in 3 hours of required courses allows the degree to be completed in a more timely manner, as well as makes the degree more affordable and therefore, more competitive. Most candidates receive financial aid through student loans or pay for the courses out of pocket. In a review of peer institutions or those in close proximity, data revealed that many programs only require 30 hours of coursework. Specifically, the master's degree in elementary education at the following institutions is a 30-hour degree

program: University of Mississippi, University of Alabama, Auburn University, Clemson University, Vanderbilt University – Peabody College, and Delta State University. The University of West Alabama offers a 33-hour master's degree in elementary education with a 1 hour technology requirement. By reducing the number of electives from 4 to 3, the candidates are still being required to complete 8 required courses that comprehensively address the Student Learning Outcomes of the programs (see below). One of these required courses is specific to the concentration chosen by the candidate (EDE 8313 for Early Childhood or EDE 8713 for Middle Level; either one for the General Elem. Education concentration). This required course and the remaining three electives will be used to define the concentration. In the past, candidates were required to successfully complete both EDE 8313 and EDE 8713 regardless of their concentration. Thus, the reduction of the 3 hours does not lessen the knowledge and skills gained by each candidate completing the degree as defined by the required courses for a particular concentration.

2. *Require either EDE 8313, Theory and Development in Early Childhood or EDE 8713, Educating the Young Adolescent, based on identified concentration; for the General Elementary Education concentration, either course would satisfy the degree program requirements* – By only requiring one of the two previously mentioned courses, the degree program can be reduced by three hours without impacting any other program requirements and can make each candidate's program of study more concentrated in the chosen area of concentration. Typically, candidates concentrate in the area in which they are currently teaching or soon will be teaching; thus, a middle school teacher would select the Middle School concentration. By removing the requirement to successfully complete an early childhood course, the candidate is not missing out on needed course content at the middle school level; the same is true for the early childhood concentration. As undergraduates, the master's degree candidates were required to complete course work focused on all levels of elementary education; however, at the master's degree level, candidates are desiring a more focused degree.
3. *Require EDE 8473, Elementary Social Studies Curriculum, so that all four major areas of Elementary Education are studied though at least one required course* – Currently, candidates are required to successfully complete EDE 8733: Teaching Physical, Life, and Earth Science in the Elementary and Middle School Classroom, EDE 8763: Elementary and Middle Level Mathematics Education, EDE 8623: Content Area Literacy Instruction, EDE 8633: The Teaching of Writing, and RDG 8713: Teaching Struggling Readers and Writers. EDE 8473, the graduate level social studies methods course was not required in the last program modification due to a lack of graduate faculty with an expertise in elementary social studies. However, since then a graduate faculty member has been hired with an expertise in elementary social studies who now teaches the course annually, as a “strongly recommended” elective. For the past two consecutive years, candidates enrolled in the course have indicated through written response (and in some instances unsolicited) that the course should be required of all candidates so that all four major areas of

elementary education are represented in the degree program requirements. They also indicated that by the course not being a required course, the unintended message of “social studies isn’t as important as the other content areas” could be being received by those considering enrollment in the program. If approved, EDE 8473 would be one of eight required courses.

4. *Increase the number of required courses offered through Campus 5* - The decline in enrollment could be due to potential candidates choosing to attend in other institutions because of the availability of online courses at those institutions (i.e. University of West Alabama, Auburn University). Data collected through exit surveys revealed that candidates would have enrolled in more online courses had this been an option. Trends in recent elective choices as observed on candidates’ programs of study indicate that when available candidates enroll in electives that are currently already offered through Campus 5. Additionally, between 10 and 15 inquiries have been received by the graduate program coordinator each semester for the past 6 consecutive semesters regarding the availability of online courses. Candidates indicate that they are willing to complete a few courses on campus during their “summers off”, but would like the opportunity to take online courses during the Fall and Spring semesters due to the location of their current employment as teachers. Former graduates communicate a strong desire to “come back to state” for their masters’ degree but due to various circumstances need more flexibility in the delivery of the required courses. Thus, faculty determined that the following courses could be offered through Campus 5: EDE 8313 – Theory and Development of Early Childhood Education, EDE 8623 – Content Area Literacy Instruction, EDE 8633 – The Teaching of Writing, EDE 8713 – Educating the Young Adolescent, EDE 8473 –Elementary Social Studies Curriculum, and RDG 8713 – Teaching Struggling Readers and Writers. Each of these courses has an accompanying course modification proposal for Campus 5 approval.

**Student Learning Outcomes:** Upon completion of the Master of Science in Elementary Education, advanced candidates will

1. Have an in-depth understanding of the most current research-based knowledge, skills, and dispositions needed to continue to be effective in teaching language arts/literacy, mathematics, science and social studies in grades K-8;
2. Be able to effectively teach diverse groups of students in diverse settings;
3. Have an in-depth understanding of appropriate content-based assessment strategies for students in grades K-8;
4. Use precise, professional language when speaking and writing, and use effective listening and interpersonal skills when communicating in professional settings;
5. Demonstrate a genuine belief that all students in grades K-8 can learn;
6. Use technology, collaboration and self-reflection as tools for effective instruction in grades K-8;
7. Demonstrate effective problem solving skills when addressing current issues and trends in Elementary Education; and
8. Conduct classroom-based action research and use empirical research findings to

enhance instruction in language arts/literacy, mathematics, science and social studies in grades K-8.

4. SUPPORT – Letter of Support attached.
5. PROPOSED 4-LETTER ABBREVIATION – ELED (Master of Science, Elementary Education)
6. EFFECTIVE DATE – Fall 2016 or Upon Approval



---

## CURRICULUM | INSTRUCTION | SPECIAL EDUCATION

---

Elementary Education • Secondary Education • Special Education

October 25, 2015

To: Barry F. Box Council, College of Education and University Committee on Courses and Curriculum, Dr. Kirk Swortzel, Chair

From: Dr. Rebecca Robichaux-Davis, Elementary Education Graduate Program Area Chair

Re: Support for Elementary Education Master's Degree Modification and Course Modifications

The Elementary Education program area graduate faculty completed a collaborative self-study of the master's degree in Elementary Education and are in support of modifying the degree program as described in the degree program modification for the reasons outlined in the justification section of the degree program modification. The Elementary Education program area graduate faculty are also in support of offering the following courses through Campus 5:

EDE 8313, Theory and Development in Early Childhood Education

EDE 8713, Educating the Young Adolescent

EDE 8623, Content Area Literacy Instruction

EDE 8473, Elementary Social Studies Curriculum

EDE 8633, Teaching of Writing

RDG 8713, Teaching Struggling Readers and Writers

Based on these modifications, there are no anticipated changes that will require additional staff, personnel or materials. Graduate faculty currently teaching the Campus 1 offerings of the aforementioned courses will teach the Campus 5 offerings of the courses.

**MISSISSIPPI STATE**  
**UNIVERSITY**<sup>TM</sup>

Box 9705 • 310 Allen Hall • Mississippi State, MS 39762  
662-325-3747 • <http://cise.msstate.edu> • fax: 662-325-7857



The Elementary Education program area faculty voted unanimously in favor of the proposal degree program modifications and the proposed Campus 5 course offerings as indicated by their signatures below.

	Signature	Date
Kathleen Alley	<u>Kathleen Alley</u>	<u>10/29/15</u>
Kenneth Anthony	<u>K + V A L</u>	<u>10/28/15</u>
Stephanie Bennett	<u>Stephanie Bennett</u>	<u>10/29/15</u>
Kristin Javorsky	<u>Krist Javorsky</u>	<u>10/29/15</u>
Nicole Miller	<u>NM</u>	<u>10/28/15</u>
Rebecca Robichaux-Davis	<u>Rebecca Robichaux-Davis</u>	<u>10/28/15</u>

APPROVAL FORM FOR

# DEGREE PROGRAMS

MISSISSIPPI STATE UNIVERSITY

NOTE: This form is a cover sheet that must accompany the degree program change proposal. The actual proposal should be prepared in accordance with format requirements provided in the *Guide and Format for Curriculum Proposals* published by the UCCC. Both cover sheet and proposal should be submitted, along with all required copies, to UCCC, Garner Hall, Room 279, Mail Stop 9702.

College: Bagley College of Engineering Department: Aerospace Engineering

Contact Person: Rani Sullivan Mail Stop: 9549 E-mail: sullivan@ae.msstate.edu

Nature of Change: Update course numbers Date Initiated: 10/30/15 Effective Date: spring 2016

Degree to be offered at: Mississippi State University, Campus 1, Starkville, MS

Current Degree Program Name: Aerospace Engineering

Major: Aerospace Engineering Concentration:

New Degree Program Name:

Major: Concentration:

Summary of Proposed Changes:

Update course numbers for Aerospace Structural Analysis I (ASE 3233) and Aerospace Structural Analysis II (ASE 3243)

Approved:

  
Department Head

  
Chair, College or School Curriculum Committee

  
Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council

Date:

10/21/15

1/5/16

1/7/16

☐ IHL Action Required

☐ SACS Letter Sent

**DEGREE MODIFICATION PROPOSAL:  
REQUIRED AEROSPACE STRUCTURAL ANALYSES COURSES**

**1. CATALOG DESCRIPTION**

***Current Catalog Description of Degree Program:***

Interim Department Head: Professor Thomas Lacy  
Academic Coordinator: Ms. Machaunda Bush  
Office: 330 Walker Engineering Building

The Department of Aerospace Engineering at Mississippi State University provides an accredited undergraduate curriculum with the mission of preparing students to enter the workplace as qualified entry-level aerospace engineers or to enter any aerospace engineering graduate program adequately prepared for advanced study. This mission is accomplished by a strong foundation in mathematics and physical and engineering sciences upon which student problem-solving and application skills are developed. The curriculum stresses analytical and communication skills, with particular emphasis placed on engineering design throughout the curriculum. A capstone design experience in the senior year provides the opportunity to integrate design, analytical, and problem-solving skills along with communication skills in a team environment that emulates aerospace engineering practice.

The mission is accomplished by the following educational objectives, which describe the career and professional accomplishments we are preparing our graduates to achieve. Our graduates shall:

1. Demonstrate an understanding of engineering principles and an ability to solve unstructured engineering problems that will allow them to successfully enter into and advance in the engineering profession;
2. Demonstrate an appreciation for lifelong learning and for the value of continuing professional development through continual study of the current literature in the field, participation in graduate education, professional education or continuing education opportunities, attainment of professional licensure, or membership in professional societies;
3. Demonstrate an understanding of professional and ethical responsibilities to the profession, society, and the environment incumbent on an engineering professional;
4. Successfully interact with others of different backgrounds, educations, and cultures;
5. Demonstrate effective communication skills in their profession.

These objectives are accomplished in two different concentrations in the aerospace engineering curriculum, an aeronautics concentration and an astronautics concentration. The concentration in aeronautics focuses on the analysis and design of aircraft and other vehicles that operate primarily within the earth's atmosphere, and the concentration in astronautics focuses on the analysis and design of spacecraft and other vehicles that operate primarily outside the earth's atmosphere. A student in aerospace engineering will choose one of these two concentrations upon choosing the aerospace engineering major.

The aerospace engineering program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.

***New Catalog Description of Degree Program:***

Interim Department Head: Professor Thomas Lacy  
Academic Coordinator: Ms. Machaunda Bush  
Office: 330 Walker Engineering Building

The Department of Aerospace Engineering at Mississippi State University provides an accredited undergraduate curriculum with the mission of preparing students to enter the workplace as qualified entry-level aerospace engineers or to enter any aerospace engineering graduate program adequately prepared for advanced study. This mission is accomplished by a strong foundation in mathematics and physical and engineering sciences upon which student problem-solving and application skills are developed. The curriculum stresses analytical and communication skills, with particular emphasis placed on engineering design throughout the curriculum. A capstone design experience in the senior year provides the opportunity to integrate design, analytical, and problem-solving skills along with communication skills in a team environment that emulates aerospace engineering practice.

The mission is accomplished by the following educational objectives, which describe the career and professional accomplishments we are preparing our graduates to achieve. Our graduates shall:

1. Demonstrate an understanding of engineering principles and an ability to solve unstructured engineering problems that will allow them to successfully enter into and advance in the engineering profession;
2. Demonstrate an appreciation for lifelong learning and for the value of continuing professional development through continual study of the current literature in the field, participation in graduate education, professional education or continuing education opportunities, attainment of professional licensure, or membership in professional societies;
3. Demonstrate an understanding of professional and ethical responsibilities to the profession, society, and the environment incumbent on an engineering professional;
4. Successfully interact with others of different backgrounds, educations, and cultures;
5. Demonstrate effective communication skills in their profession.

These objectives are accomplished in two different concentrations in the aerospace engineering curriculum, an aeronautics concentration and an astronautics concentration. The concentration in aeronautics focuses on the analysis and design of aircraft and other vehicles that operate primarily within the earth's atmosphere, and the concentration in astronautics focuses on the analysis and design of spacecraft and other vehicles that operate primarily outside the earth's atmosphere. A student in aerospace engineering will choose one of these two concentrations upon choosing the aerospace engineering major.

The aerospace engineering program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.

## **2. DESCRIPTION OF CHANGES**

The course numbers of the two courses have changed:

Old Course #	New Course #
ASE 3213	ASE 3233
ASE 3223	ASE 3243

## **3. JUSTIFICATION FOR CHANGE:**

The content of the courses changed sufficiently to necessitate the change to new course numbers. The degree program is being updated with the new course numbers.

#### 4. CURRICULUM OUTLINE

##### (A) Aeronautics Curriculum

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Bachelor of Science Major: Aerospace Engineering Concentration: Aeronautics		Degree: Bachelor of Science Major: Aerospace Engineering Concentration: Aeronautics	
CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
ASE 1013 Introduction to Aerospace Engineering	3	ASE 1013 Introduction to Aerospace Engineering	3
CH 1211 Investigation in Chemistry	1	CH 1211 Investigation in Chemistry	1
CH 1213 Chemistry I	3	CH 1213 Chemistry I	3
EN 1103 English Composition I	3	EN 1103 English Composition I	3
MA 1713 Calculus I	3	MA 1713 Calculus I	3
--- Humanities Elective	3	--- Humanities Elective	3
ASE 2013 Astronautics, Propulsion and Structures	3	ASE 2013 Astronautics, Propulsion and Structures	3
EN 1113 English Composition II	3	EN 1113 English Composition II	3
MA 1723 Calculus II	3	MA 1723 Calculus II	3
PH 2213 Physics I	3	PH 2213 Physics I	3
--- Humanities Elective	3	--- Humanities Elective	3
--- Social/Behav. Sci. Elective	3	--- Social/Behav. Sci. Elective	3
ASE 2113 Aircraft and Spacecraft Performance	3	ASE 2113 Aircraft and Spacecraft Performance	3
EM 2413 Engineering Mechanics I	3	EM 2413 Engineering Mechanics I	3
MA 2733 Calculus III	3	MA 2733 Calculus III	3
PH 2223 Physics II	3	PH 2223 Physics II	3
MA 3113 Linear Algebra	3	MA 3113 Linear Algebra	3
--- Social/Behav. Sci. Elective	3	--- Social/Behav. Sci. Elective	3
EM 2433 Engineering Mechanics II	3	EM 2433 Engineering Mechanics II	3
EM 3213 Mechanics of Materials	3	EM 3213 Mechanics of Materials	3
MA 2743 Calculus IV	3	MA 2743 Calculus IV	3
MA 3253 Differential Equations I	3	MA 3253 Differential Equations I	3
PH 2233 Physics III	3	PH 2233 Physics III	3
--- Fine Arts Elective	3	--- Fine Arts Elective	3
ASE 3213 Mech of Def Structures	3	ASE 3233 Aerospace Structural Analysis I	3
ASE 3333 Aerothermodynamics	3	ASE 3333 Aerothermodynamics	3
ECE 3183 Electrical Engineering Systems	3	ECE 3183 Electrical Engineering Systems	3
EM 3313 Fluid Mechanics	3	EM 3313 Fluid Mechanics	3
EM 3413 Vibrations	3	EM 3413 Vibrations	3
ASE 3123 Aircraft Attitude Dynamics	3	ASE 3123 Aircraft Attitude Dynamics	3
ASE 3223 Aerospace Structural		ASE 3243 Aerospace Structural	

<i>Analysis</i>	3	<b>Analysis II</b>	3
ASE 3313 Incompress. Aerodynamics	3	ASE 3313 Incompress. Aerodynamic	3
GE 3513 Technical Writing	3	GE 3513 Technical Writing	3
--- Math/Science Elective	3	--- Math/Science Elective	3
	3		3
ASE 4113 Aerospace Eng Lab I	3	ASE 4113 Aerospace Eng Lab I	3
ASE 4123 Aerospace Controls	3	ASE 4123 Aerospace Controls	3
ASE 4343 Compressible Aerodynamics	3	ASE 4343 Compressible Aerodynamics	3
ASE 4513 Aircraft Design I	3	ASE 4513 Aircraft Design I	3
ASE 4623 Aerospace Structural Design	3	ASE 4623 Aerospace Structural Design	3
ASE 4413 Aircraft Propulsion	3	ASE 4413 Aircraft Propulsion	3
ASE 4523 Aircraft Design II	3	ASE 4523 Aircraft Design II	3
ASE 4721 Aerospace Engineering Lab II	1	ASE 4721 Aerospace Engineering Lab II	1
--- Technical Elective	3	--- Technical Elective	3
--- Technical Elective	3	--- Technical Elective	3
Total Hours	128	Total Hours	128

(B) Astronautics Curriculum

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Bachelor of Science Major: Aerospace Engineering Concentration: Astronautics		Degree: Bachelor of Science Major: Aerospace Engineering Concentration: Astronautics	
CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
ASE 1013 Introduction to Aerospace	3	ASE 1013 Introduction to Aerospace	3
CH 1211 Investigation in Chemistry	1	CH 1211 Investigation in Chemistry	1
CH 1213 Chemistry I	3	CH 1213 Chemistry I	3
EN 1103 English Composition I	3	EN 1103 English Composition I	3
MA 1713 Calculus I	3	MA 1713 Calculus I	3
--- Humanities Elective	3	--- Humanities Elective	3
ASE 2013 Astronautics, Propulsion and Structures	3	ASE 2013 Astronautics, Propulsion and Structures	3
EN 1113 English Composition II	3	EN 1113 English Composition II	3
MA 1723 Calculus II	3	MA 1723 Calculus II	3
PH 2213 Physics I	3	PH 2213 Physics I	3
--- Humanities Elective	3	--- Humanities Elective	3
--- Social/Behav. Sci. Elective	3	--- Social/Behav. Sci. Elective	3
ASE 2113 Aircraft and Spacecraft Performance	3	ASE 2113 Aircraft and Spacecraft Performance	3
EM 2413 Engineering Mechanics I	3	EM 2413 Engineering Mechanics I	3
MA 2733 Calculus III	3	MA 2733 Calculus III	3
PH 2223 Physics II	3	PH 2223 Physics II	3
MA 3113 Linear Algebra	3	MA 3113 Linear Algebra	3
--- Social/Behav. Sci. Elective	3	--- Social/Behav. Sci. Elective	3

EM 2433 Engineering Mechanics II	3	EM 2433 Engineering Mechanics II	3
EM 3213 Mechanics of Materials	3	EM 3213 Mechanics of Materials	3
MA 2743 Calculus IV	3	MA 2743 Calculus IV	3
MA 3253 Differential Equations I	3	MA 3253 Differential Equations I	3
PH 2233 Physics III	3	PH 2233 Physics III	3
--- Fine Arts Elective	3	--- Fine Arts Elective	3
<i>ASE 3213 Mech of Def Structures</i>	3	<b>ASE 3233 Aerospace Structural Analysis I</b>	3
ASE 3333 Aerothermodynamics	3	ASE 3333 Aerothermodynamics	3
ASE 3813 Intro Orbital Mechanics	3	ASE 3813 Intro Orbital Mechanics	3
ECE 3183 Electrical Engineering Systems	3	ECE 3183 Electrical Engineering Systems	3
EM 3413 Vibrations	3	EM 3413 Vibrations	3
<i>ASE 3223 Aerospace Structural Analysis</i>	3	<b>ASE 3243 Aerospace Structural Analysis II</b>	3
ASE 3823 Space Attitude Dynamics	3	ASE 3823 Space Attitude Dynamics	3
GE 3513 Technical Writing	3	GE 3513 Technical Writing	3
EM 3313 Fluid Mechanics	3	EM 3313 Fluid Mechanics	3
--- Math/Science Elective	3	--- Math/Science Elective	3
ASE 4113 Aerospace Eng Lab I	3	ASE 4113 Aerospace Eng Lab I	3
ASE 4123 Aerospace Controls	3	ASE 4123 Aerospace Controls	3
ASE 4343 Compressible Aerodynamics	3	ASE 4343 Compressible Aerodynamics	3
ASE 4533 Spacecraft Design I	3	ASE 4533 Spacecraft Design I	3
ASE 4623 Aerospace Structural Design	3	ASE 4623 Aerospace Structural Design	3
ASE 4443 Spacecraft Propulsion	3	ASE 4443 Spacecraft Propulsion	3
ASE 4543 Spacecraft Design II	1	ASE 4543 Spacecraft Design II	1
ASE 4721 Aerospace Engineering Lab II	1	ASE 4721 Aerospace Engineering Lab II	1
--- Technical Elective	3	--- Technical Elective	3
--- Technical Elective	3	--- Technical Elective	3
Total Hours	128	Total Hours	128



October 27, 2015

TO: Whom It May Concern

FROM: J.C. Newman, Jr., Undergraduate Committee (UGC) Chair

Subject: UGC Approval to Change Aircraft Structures Course Numbers

The ASE faculty has determined that the two aircraft structures courses, previously ASE-3213 and ASE-3223, needed to be revised because the previous textbook used for these two courses is no longer in print. And that the changes in the syllabi for these two new courses reflect the order of course topics covered in the newly adopted aerospace structures textbook.

All of the UGC committee members (Tom Hannigan, Mark Janus, David Thompson, Greg Olsen and James Newman) have approved the modifications to the Aircraft Structures courses (ASE-3213 to ASE-3233; and ASE-3223 to ASE-3243).

Sincerely,

A handwritten signature in cursive script that reads "James C. Newman, Jr.".

J. C. Newman, Jr.  
Chair Undergraduate Committee  
Department of Aerospace Engineering  
Mississippi State University



APPROVAL FORM FOR

# DEGREE PROGRAMS

MISSISSIPPI STATE UNIVERSITY

NOTE: This form is a cover sheet that must accompany the degree program change proposal. The actual proposal should be prepared in accordance with format requirements provided in the *Guide and Format for Curriculum Proposals* published by the UCCC. Both cover sheet and proposal should be submitted, along with all required copies, to UCCC, Garner Hall, Room 279, Mail Stop 9702.

College: **Engineering**

Department: Genral Engineering

Contact Person: James Warnock

Mail Stop: 9544

E-mail: jwarnock@bagley.msstate.edu

Nature of Change: **Addition of Minor**

Date: 10/13/2015

Program will be offered at: **Starkville (Campus 1)**

Current Degree Program Name: **Select One**

Effective Date: 01/01/2016

Major:

Concentration:

New Degree Program Name: **Minor**

**Global Engineering Leadership**

Major:

Concentration:

Summary of Proposed Changes:

  
Department Head

  
Chair, College or School Curriculum Committee

  
Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council



SACS Letter Sent

11/30/15  
11/30/15

## 1 & 2. CATALOG DESCRIPTION AND CURRICULUM OUTLINE

### PROPOSED NEW DEGREE DESCRIPTION

#### Minor: Global Engineering Leadership

The Minor in *Global Engineering Leadership* is designed to enhance students' knowledge of engineering practice in the global marketplace. Students completing this program will develop proficiency in a foreign language, have experience living and studying in a foreign country, and be familiar with engineering leadership and management techniques. A total of 18 hours are required to complete the minor, including a required course in "Challenges in Global Engineering".

#### Restrictions:

1. Currently, only undergraduate students enrolled in the Bagley College of Engineering (BCoE) can enroll in this minor.
2. A minimum cumulative GPA of 2.5 is required to enter the minor

With today's integrated global economy, engineers must understand other cultures, other ways of doing business, and be a part of collaborations that span the globe. To advance in their careers, modern engineers must have not only a strong engineering background, but also cross-cultural experience and management skills.

The Global Engineering Leadership Minor is designed to provide engineering students with the opportunity to learn intercultural aspects of the engineering profession and develop leadership skills in a global engineering environment. The coursework for this minor includes foreign language, global engineering and leadership studies, and study abroad experience.

Students interested in completing Global Engineering Leadership Minor should contact BCoE's International Programs Coordinator at [studyabroad@bagley.msstate.edu](mailto:studyabroad@bagley.msstate.edu).

### PROPOSED CURRICULUM OUTLINE

	Required Hours
GE 3813 Challenges in Global Engineering	3
<u>Foreign language</u> <sup>2,3</sup> FL 1113 - Language I FL 1123 - Language II	6
<u>Relevant Overseas Engineering Experience</u> Faculty-led Study Abroad in an engineering course International Engineering Internship Semester-long Engineering Exchange Program (e.g. Global E <sup>3</sup> , FAME, SECAC, INSA) Overseas Service Learning (e.g. Engineers Without Borders)	3
<u>Leadership Electives</u> BL 4273 International Business Law CE 4703 Construction Engineering and Management CE 4743 Analysis and Mitigation of Conflicts, Claims and Disputes	6

<p> CE 4903 Civil Engineering Comprehensive  CSE 3981 Social and Ethical Issues in Computing  CSE 4223 Managing Software Projects  GE 2713 Introduction to Engineering and Public Policy  GE 3011 Engineering Entrepreneurship Seminar  IB 4103 International Business  EC 4323 International Economic Development  EC 4323 International Economics  IE 3913 Engineering Economy I  IE 4513 Engineering Administration  IE 4533 Project Management  IE 4553 Engineering Laws and Ethics  ISE 4103 Cross-Cultural Leadership  MGT 3823 Socially Responsible Leadership  MGT 4613 Cross-cultural Management  MKT 3323 International Logistics  MKT 4033 International Transportation  MKT 4333 International Supply Chain Management </p>	
<p>Notes:</p> <ol style="list-style-type: none"> <li>1. Students may petition BCoE's Global Engineering Leadership Committee at <a href="mailto:studyabroad@bagley.msstate.edu">studyabroad@bagley.msstate.edu</a> for permission to apply other courses they believe relevant to the Minor in Global Engineering Leadership toward their credit requirements. Such requests will be handled on a case-by-case basis.</li> <li>2. Must be a modern language. The six credit hours must be of the same foreign language.</li> <li>3. International students whose native language is not English may petition BCoE's Global Engineering Leadership Minor Committee at <a href="mailto:studyabroad@bagley.msstate.edu">studyabroad@bagley.msstate.edu</a> to use the language of their home country to fulfill the foreign language requirement. Students must provide evidence of language proficiency (e.g. foreign high school transcript, WebCape placement exam scores etc.) and decisions will be made on a case by case basis. In these cases, EN 1103 English Composition I and EN 1113 English Composition II will be used as a substitution for FL 1113 Language I and FL 1123 Language II.</li> <li>4. The foreign language studied does not have to be the same language spoken in the country of the overseas engineering experience, though this is highly desirable. Students are strongly advised to complete the language component before their overseas experience.</li> <li>5. Transfer credits may be used to satisfy minor requirements. However, in accordance with AOP 12.08, one half of the hours for the minor must be taken at Mississippi State University.</li> </ol>	

6. A grade of "C" or better is required in all courses counted toward the minor.	
<b>TOTAL HOURS REQUIRED</b>	<b>18 hours</b>

### 3. STUDENT LEARNING OUTCOMES AND ASSESSMENT

Upon the completion of Global Engineering Leadership minor, students will:

1. Understand the impact of engineering solutions in a global and societal context
2. Communicate effectively with an international audience
3. Demonstrate the ability to lead a multicultural team

Students with an interest in the minor will be asked to formally declare their intention. Upon doing so they will be asked to keep an e-portfolio containing examples of work that demonstrate the attainment of the above-mentioned student learning outcomes. These examples should only be from courses taken to fulfill the requirements of the minor. An assessment committee will review the portfolios each year and will use analytic rubrics to directly assess student performance. Rubrics will provide consistency between assessors. Additionally, students will complete an exit survey that will ask them to assess their abilities relating to the student learning outcomes. This will be used as an indirect measure. The assessment committee will conduct a holistic evaluation of the assessment data and make recommendations to improve the program accordingly.

### 4. SUPPORT

In accordance with the *UCCC's Guide and Format for Curriculum Proposals* (page 35), we have included a letter of support from the General Engineering Curriculum Committee, comprising of James Warnock, Robert Green, John Brocato and Angela Verdell. In addition, we have included a letter of support from the International Institute, as this proposal includes a study abroad component, and a letter of support from the College of Business, as a number of the leadership course are offered through their college. Supporting e-mails/letters from BCoE Department Heads are also included.

### 5. PROPOSED 4-LETTER ABBREVIATION GENL

### 6. EFFECTIVE DATE 01/01/2016



## INTERNATIONAL INSTITUTE

August 14, 2014

University Committee on Courses and Curricula,

The International Institute supports the addition of the proposed Global Engineering course (GE 3813) and the Global Engineering Leadership (GEL) minor to the engineering curriculum. The Global Engineering Leadership minor is patterned after the current International Studies minor; however, given the course options available to GEL students, I do not view the proposed program as having significant overlap with our current minor.

MSU's strategic plan includes globalization as one of its main pillars. The Global Engineering Leadership minor will help to internationalize the Bagley College of Engineering's curriculum and expose students to global issues across several engineering disciplines. The Global Engineering Leadership minor is an innovative program that will contribute to MSU's growing reputation as an internationally orientated university. Research has shown that students who study or do internships abroad are more well-rounded and have improved opportunities in the job market. The GEL minor, therefore, has the potential to improve the competitiveness of MSU's engineering graduates as well.

If you have any questions or concerns regarding the proposed Global Engineering Leadership minor, please feel free to contact me by e-mail at [jrczek@international.msstate.edu](mailto:jrczek@international.msstate.edu) or by phone at (662)325-1970.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jon P. Rezek".

Jon P. Rezek, Ph.D.  
Interim Associate Vice President, International Programs  
Interim Executive Director, International Institute



# MISSISSIPPI STATE UNIVERSITY

*Bagley College of Engineering*


September 5, 2014

Dear UCCC:


The General Engineering Curriculum Committee has reviewed the proposal and supports the creation of a new minor in *Global Engineering leadership* and the addition of *GE 4213/6213 – Global Engineering*. The scope and content of the proposal are broad and not specific to any particular engineering discipline. Therefore, this proposal is appropriate for General Engineering. We do not see any duplication with courses already offered in the Bagley College of Engineering and believe that the addition of the course will strengthen the education of graduate engineering students.

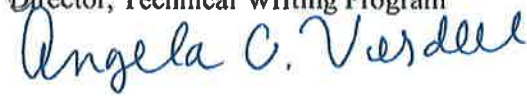
In summary, we are in favor of this proposal. Please let us know if we can be of further assistance.

Sincerely,

  
James Warnock, Ph.D.,  
Interim Associate Dean for Undergraduate Studies

  
Robert Green  
Undergraduate Coordinator

  
John Brocato  
Director, Technical Writing Program

  
Angela Verdell  
Director, Diversity and Student Programs





**MISSISSIPPI STATE  
UNIVERSITY™**

**OFFICE OF THE DEAN  
COLLEGE OF BUSINESS**

September 3, 2014

UCCC

Subject: Global Engineering Leadership minor proposal

Dear UCCC:

The College of Business supports the creation of a new minor in Global Engineering Leadership. The list of acceptable leadership electives includes a variety of business courses as options. We support allowing students pursuing this minor to enroll in these business courses, assuming prerequisites are met (if applicable).

In sum, The College of Business is in favor of this proposal. Please contact me if you need additional information.

Sincerely,

Kevin Rogers  
Associate Dean