



MISSISSIPPI STATE UNIVERSITYTM

UNIVERSITY COMMITTEE ON COURSES AND CURRICULA

A MEMORANDUM

DATE: December 4, 2017

TO: UCCC Members

FROM: Dr. Dana Pomykal Franz, Chair

SUBJECT: December 13, 2017 Meeting

Enclosed are the minutes from the meeting on November 17, 2017 and the agenda and proposals for the meeting on **Wednesday, December 13, 2017 beginning at 1:30 p.m.** The 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: November 17, 2017 Meeting Minutes
Course/Curriculum Proposals

AGENDA
UNIVERSITY COMMITTEE ON COURSES AND CURRICULA
December 13, 2017

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

AGRICULTURE AND LIFE SCIENCES

Addition	AEC 4803 /6803	Applied Quantitative Research
Modification	AEC 8123	Analysis of Agricultural Markets
Modification +Distance	BCH 4603 /6603	General Biochemistry I
Modification +Distance	BCH 4613 /6613	General Biochemistry II

ARTS AND SCIENCES

Addition	GR 4783	Satellite Meteorology
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BUSINESS

Modification	ACC 8033	Assurance and Audit Data Analysis
Modification	ACC 8043	Fraud Examination and Data Analysis

4. Degree proposals by college/school

AGRICULTURE AND LIFE SCIENCES

Modification	MS	Agriculture: Agricultural Economics (Thesis)
Modification	MS	Agriculture: Agricultural Economics (Non-Thesis)
Addition +Distance	MS	Agriculture: Animal and Dairy Science, Entomology, Plant Pathology, Poultry Science

ARTS AND SCIENCES

Modification	Minor	English
Addition	Minor	Creative Writing
Modification	BA	Music

BUSINESS

Modification	BACC	Accountancy
Modification	MTX	Master of Taxation
Modification	MPA	Master of Professional Accountancy

ENGINEERING

Addition	Minor	Civil and Environmental Engineering
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**University Committee on Courses and Curricula
Mississippi State University
November 17, 2017**

Present: Amy Adkerson, Tracey Baham, Randy Campbell, Russell Carr, Cody Coyne, Dana Franz, Seamus Freyne, Holly Holladay, Trey Howell, Kevin Hunt, Brenda Kirkland, Lynda Moore, Greg Olsen, Emily Owen, Prem Parajuli, Tommy Parker, Andy Perkins, Wendy Roussin, Barry Stewart, Pam Sullivan, Justin Taylor, Brad Trinkle, Jenny Turner, Erica Waldman, Jeff Winger, Robert Wolverton, Chien Yu

Proxies: Bob Wolverton for Pat Matthes

Absent: Erin McDevitt, Charles Provine

Excused: Shrinidhi Ambinakudige, Charles Freeman, Ben Mackin, Rob Moore, Kelly Moser, Tommy Phillips, Kathy Sherman-Morris

Guests: Cheryl Chambers, Jeff Dean, Amelia Fox, Richard Harkess, Carley Morrison, Dan Punday

Franz called the meeting to order at 1:30 p.m. on Friday, November 17, 2017 in room 324 of the Student Union. Hunt moved to approve the October 20, 2017 minutes. Coyne seconded the motion. The minutes were approved unanimously.

Hunt moved to approve the addition of NREC 4353 Natural Resource Law and NREC 4413 Natural Resource Policy. Kirkland seconded the motion. The subcommittee that reviewed the proposals pointed out the URL link to the MSU Honor Code should be included in the syllabi; the policy in the syllabus concerning missing a quiz for NREC 4413 may be in conflict with AOP 12.09; and the FO courses that are cross listed may need to be reviewed to be sure they mirror the syllabi for the NREC courses. Carr moved to pass NREC 4353 and NREC 4413 contingent upon the above concerns being addressed. Olsen seconded the motion. The motion to pass NREC 4353 and NREC 4413 contingent was approved unanimously.

Carr moved to approve the modification and addition of distance education to CO 4043/6043 Communication and Leadership. Kirkland seconded the motion. The subcommittee that reviewed the proposal did not have any concerns to address. The motion to approve the modification and addition of distance education to CO 4043/6043 was approved unanimously.

Campbell moved to approve the addition of distance to EN 2203 Introduction to Literature. Carr seconded the motion. Dr. Dan Punday appeared in support of the proposal. The subcommittee that reviewed the proposal was concerned that the course outlines were labeled EN 2243; the campus and distance outlines have different readings, assessments, and presentations; the methods of evaluation are not numbered correctly, so it is difficult to determine if there are 5 or 6 methods; the methods of evaluation listed in the Campus 1 syllabus does not match the methods of evaluation on the course proposal or the Campus 5 syllabus; the contact hours for Campus 1 and Campus 5 outlined in the equivalency table were a concern because there are different contact hours for 5 of the 7 categories.

Hunt moved to table the addition of distance to EN 2203 based upon the above concerns. Stewart seconded the motion. The motion to table was approved unanimously.

Parajuli moved to approve the additions of PSS 4153/6153 Sustainable Agroecology and PSS 4383/6383 Agriculture Remote Sensing I, and the modification and addition of distance education to PSS 8343 Soil Plant Atmosphere Relationships. Stewart seconded the motion. Dr. Richard Harkess and Dr. Amelia Fox appeared in support of the proposals. For PSS 4153/6153, the subcommittee that reviewed the proposals observed there is a typographical error in the prerequisite section of the proposal catalog description; the attendance policy indicates the number of times the student views the instructional material will be noted but attendance is not included in the grading scale; and the subcommittee observed the grading scales for C and D are not consistent with the grading scale for A and B and questioned the reason for the difference in the scale. For PSS 4383/6383, the subcommittee was concerned there is a prerequisite stated in the course syllabus, but the prerequisite is not included in the proposal catalog description; the committee discussed how many contact hours are required for the three hours lecture and laboratory and determined the number stated is sufficient; the committee discussed any overlap with Geoscience and determined it was not an issue; and the grading scale needs to include a "F" instead of the "U" currently posted. For PSS 8343 the subcommittee was concerned that the course outline contained several contact hours that are in groups of 10 that need to be broken down into groups of 3 or less; committee members discussed why the course is being offered online only; and there is a typographical error under Academic Dishonesty on page 3 of the syllabus. Hunt moved to pass the additions of PSS 4153/6153 and PSS 4383/6383, and the modifications and addition of distance education to PSS 8343 contingent based upon the above concerns being addressed. Coyne seconded the motion. The motion to pass contingent was approved unanimously.

Kirkland moved to approve the addition of FNH/LA/PSS 4463/6463 Community Food Systems. Hunt seconded the motion. Dr. Richard Harkess appeared in support. Committee members were concerned the syllabus does not adequately cover how the graduate students are being graded; the catalog description on the proposal and the course description on the syllabus do not match; under Subsection 2 of the course outline, the subsections total 19 instead of the 20 indicated; and in the course outline the subsections with 4 contact hours need to be further divided. Committee members questioned why the lectures and laboratories were not separated in the course outline, and Dr. Harkess explained that the course will be a lecture/laboratory combination and that the course will move back and forth between the lecture and the laboratory. Committee members suggested the lecture/laboratory combination be clarified in the syllabus. Parajuli moved to pass the addition of FNH/LA/PSS 4463/6463 contingent based upon the above concerns being addressed. Coyne seconded the motion. The motion to pass contingent was approved unanimously.

Parajuli moved to approve the addition of AELC 2411 Orientation to Agricultural Sciences. Coyne seconded the motion. The motion to approve the addition of AELC 2411 was approved unanimously.

Parajuli move to approve the deletion of the Child Life concentration in the Bachelor of Science in Human Development and Family Science, the addition of a minor in Entomology, and the addition of a minor in Plant Pathology. Hunt seconded the motion. The subcommittee that reviewed these proposals had no concerns about the proposals. The motion to approve the deletion of the Child Life concentration in the BS in Human Development and Family Science, the addition of a minor in Entomology, and the add the addition of a minor in Plant Pathology was approved unanimously.

Parajuli moved to approve the addition of distance education to HDFS 4883/6883 Risk, Resilience and Preventive Interventions, HDFS 8313 Contemporary Youth Issues, and HDFS 8833 Foundations of Human Development and Family Studies. Hunt seconded the motion. The motion to approve the addition of distance education to HDFS 4883/6883, HDFS 8313, and HDFS 8833 was approved unanimously.

Kirkland moved to approve the addition of ADS 8004 Method Application and Data Analyses in Animal Sciences and the addition of distance education to ADS 8004. Parajuli seconded the motion. Committee members discussed that this course will probably be a student's second statistics course. Committee members also commented that the learning outcomes may need review. The motion to approve the addition of ADS 8004 and the addition of distance education to ADS 8004 was approved unanimously.

Parajuli moved to adjourn. Hunt seconded the motion. The motion to adjourn was approved unanimously. The meeting was adjourned at 3:05 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 to UCCC Mail Stop 9702 (281 Garner Hall), Phone: 325-9410.

College: Ag & Life Sciences

Department: Agricultural Economics

Contact Person: Andrew Stevens

Mail Stop: 9755

E-mail: a.stevens@msstate.edu

Nature of Change: Course Name Change

Date Initiated: 10/2017

Effective Date: 01/2018

Current Degree Program Name: Master of Science

Major: Agriculture

Concentration: Agricultural Economics – Thesis

New Degree Program Name: Master of Science

Major: Agriculture

Concentration: Agricultural Economics – Thesis

Summary of Proposed Changes: Update Course Name for AEC 8123 from “Market Organization and Structure” to “Analysis of Agricultural Markets”

Approved:

Date:



Department Head



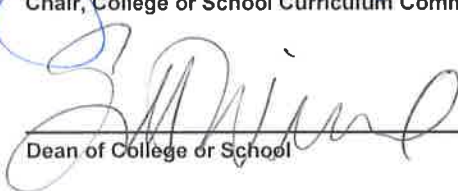
10/24/17



Chair, College or School Curriculum Committee



11.20.17



Dean of College or School



11/26/17

Chair, University Committee on Courses and Curricula

Chair, Graduate Council(if applicable)

Chair, Deans Council

DEGREE MODIFICATION OUTLINE FORM

Use the chart below to make modifications to an existing undergraduate degree outline. If any General Education (Core) course is acceptable in the category, please indicate by saying "any Gen Ed course". There is no need to type in the whole list. All deleted courses and information should be shown in *italics* and all new courses and information in **bold**. Include the course prefix, number, and title in both columns. Expand this table as needed.

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Master of Science Major: Agriculture Concentration: Agricultural Economics – Thesis		Degree: Master of Science Major: Agriculture Concentration: Agricultural Economics – Thesis	
The Department of Agricultural Economics offers a degree program leading to the Master of Science in Agriculture with a concentration in Agricultural Economics. This program stresses thorough mastery of advanced economic theory, methods of quantitative analysis, and the applications of these methods to the problems of agriculture. The broad program of economic research conducted by the department affords a wide selection of areas from which the student may choose a specific problem for research.		The Department of Agricultural Economics offers a degree program leading to the Master of Science in Agriculture with a concentration in Agricultural Economics. This program stresses thorough mastery of advanced economic theory, methods of quantitative analysis, and the applications of these methods to the problems of agriculture. The broad program of economic research conducted by the department affords a wide selection of areas from which the student may choose a specific problem for research.	
The curriculum is designed as a lock-step sequence of 26 hours of core coursework. The thesis student must take at least 6 hours of AEC 8000 Thesis/Research. At least 12 hours of coursework, exclusive of the thesis credits, must be 8000-level courses. The thesis is completed under the supervision of the student's graduate committee. Completion of the degree requires students to present and defend their research work to the satisfaction of the Agricultural Economics faculty.		The curriculum is designed as a lock-step sequence of 26 hours of core coursework. The thesis student must take at least 6 hours of AEC 8000 Thesis/Research. At least 12 hours of coursework, exclusive of the thesis credits, must be 8000-level courses. The thesis is completed under the supervision of the student's graduate committee. Completion of the degree requires students to present and defend their research work to the satisfaction of the Agricultural Economics faculty.	
CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
First Year, Fall Semester: AEC 8611 Research Seminar I AEC 6713 Quantitative Economics AEC 6733 Econometric Analysis in Agriculture Economics AEC 8163 Consumers, Producers, and Markets	10	First Year, Fall Semester: AEC 8611 Research Seminar I AEC 6713 Quantitative Economics AEC 6733 Econometric Analysis in Agriculture Economics AEC 8163 Consumers, Producers, and Markets	10
First Year, Spring Semester: AEC 8621 Research Seminar II AEC 8143 Agricultural Production Economics AEC 8123 <i>Market Organization and Structure</i> AEC 8403 Game Theory	10	First Year, Spring Semester: AEC 8621 Research Seminar II AEC 8143 Agricultural Production Economics AEC 8123 Analysis of Agricultural Markets AEC 8403 Game Theory	10
Other Requirements: AEC 8233 Applied Welfare and Environmental Economics AEC 8843 Survey Design and Experimental Economics AEC 8000 Thesis Research/Thesis in Agricultural Economics and Agribusiness	12	Other Requirements: AEC 8233 Applied Welfare and Environmental Economics AEC 8843 Survey Design and Experimental Economics AEC 8000 Thesis Research/Thesis in Agricultural Economics and Agribusiness	12
Total Hours	32	Total Hours	32

JUSTIFICATION AND STUDENT LEARNING OUTCOMES

The only change to the degree program is updating the name of the course AEC 8123 from “Market Organization and Structure” to “Analysis of Agricultural Markets.” Please refer to the relevant Course Modification Proposal for additional information. In short, the new course title better describes course content and is more appropriate for the proposed new course description. Students clearly benefit from clear alignment between course titles and course content. This course-level change, if approved, should be reflected in the official degree program outline.

There is no change to the learning outcomes of the program.



MISSISSIPPI STATE
UNIVERSITY.

DEPARTMENT OF
AGRICULTURAL ECONOMICS
P. O. Box 5187
Mississippi State, MS 39762
P. 662.325.2750
agecon.msstate.edu

DATE: October 19, 2017
TO: University Committee on Courses and Curricula
FROM: Dr. Ardian Harri, Curriculum Committee Chair
Department of Agricultural Economics
SUBJECT: Support of Degree Outline Modification

We the undersigned Curriculum Committee faculty members in the Department of Agricultural Economics fully endorse modifying the degree outlines for (1) the Master of Science in Agriculture with Agricultural Economics Concentration – Non-Thesis, and (2) the Master of Science in Agriculture with Agricultural Economics Concentration – Thesis, by updating the course name of AEC 8123 from “Market Organization and Structure” to “Analysis of Agricultural Markets.” Pending approval of this name change at the course-level, we view the corresponding update to the degree outlines as an uncontroversial technical change.


Dr. Ardian Harri
Date 10/23/2017


Dr. Randy Little
Date 10/19/2017

Digitally signed by Lurleen M. Walters
DN: cn=Lurleen M. Walters, o=Mississippi State
University, ou=Agricultural Economics,
email=lurleen.walters@msstate.edu, c=US
Date: 2017.10.23 14:27:21 -05'00'
Lurleen M. Walters
Dr. Lurleen Walters
Date 10/23/2017


Dr. Xiaofei Li
Date 10/19/2017


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College: Ag & Life Sciences **Department:** Agricultural Economics
Contact Person: Andrew Stevens **Mail Stop:** 9755 **E-mail:** a.stevens@msstate.edu
Nature of Change: Course Name Change **Date Initiated:** 10/2017 **Effective Date:** 01/2018

Current Degree Program Name: Master of Science
Major: Agriculture **Concentration:** Agricultural Economics – Non-Thesis

New Degree Program Name: Master of Science
Major: Agriculture **Concentration:** Agricultural Economics – Non-Thesis

Summary of Proposed Changes: Update Course Name for AEC 8123 from "Market Organization and Structure" to "Analysis of Agricultural Markets"

Approved:

Date:



Department Head

10/24/17



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11.20.17



Dean of College or School

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The curriculum is designed as a lock-step sequence of 26 hours of core coursework. The non-thesis student must take from 1 to 6 Directed Individual Study hours toward a research paper. Approved electives can be used to meet the 32-hour requirement. A minimum of 15 hours at the 8000-level is required.		The curriculum is designed as a lock-step sequence of 26 hours of core coursework. The non-thesis student must take from 1 to 6 Directed Individual Study hours toward a research paper. Approved electives can be used to meet the 32-hour requirement. A minimum of 15 hours at the 8000-level is required.	
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Electives, if required to complete the 32-hour program of study		Electives, if required to complete the 32-hour program of study	
Total Hours	32-37	Total Hours	32-37

JUSTIFICATION AND STUDENT LEARNING OUTCOMES

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There is no change to the learning outcomes of the program.



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DEGREE PROGRAMS
MISSISSIPPI STATE UNIVERSITY

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College: Agriculture & Life Sciences

Department: CALS Dean's Office

Contact Person: Emily Shaw

Mail Stop: 9760

E-mail: ere1@msstate.edu

Nature of Change: Add New Degree – IHL Approval Required

Date Initiated: 11/2017 **Effective Date:** Fall 2019

Current Degree Program Name:

Major:

Concentration:

New Degree Program Name: Master of Agriculture

Major: Agriculture **Concentrations:** Animal and Dairy Sciences, Entomology, Plant Pathology, Poultry Science

Summary of Proposed Changes:

New Program

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

12.1.17

12-1-17

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MISSISSIPPI STATE UNIVERSITY

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College: Agriculture & Life Sciences

Department: CALS Dean's Office

Contact Person: Emily Shaw

Mail Stop: 9760

E-mail: ere1@msstate.edu

Nature of Change: Add new Degree – IHL Approval Required – Distance Learning (Campus 5)

Date Initiated: 11/2017 **Effective Date:** Fall 2019

Current Degree Program Name:

Major:

Concentration:

New Degree Program Name: Master of Agriculture

Major: Agriculture **Concentrations:** Animal and Dairy Sciences, Entomology, Plant Pathology, Poultry Science

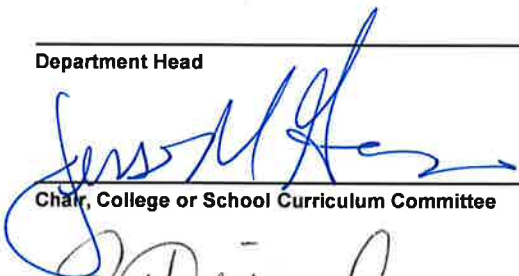
Summary of Proposed Changes:

New Program

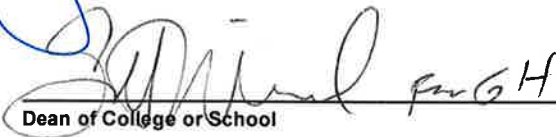
Approved:

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

12.1.17

12/4/17

**Appendix 7: Authorization to Plan a New Degree Program
(Submit Appendix 7 in both PDF and Word Document Formats)**

Institution: Mississippi State University

Date of Implementation:	Six Year Cost of Implementation:	Per Student Cost of Implementation:
Fall 2019	\$180,000	\$1,500

Program Title as will Appear on Academic Program Inventory, Diploma, and Transcript:	Six Digit CIP Code:
Agriculture	26.0101

Degree(s) to be Awarded:	Credit Hour Requirements:
Master of Agriculture	30

List any institutions within the state offering similar programs:

Alcorn State University offers a Master of Science in Agriculture with concentrations in Agricultural Economics, Agronomy, and Animal Science. However, they do not offer a non-thesis option for Animal Science, nor do they offer Entomology, Plant Pathology, or Poultry Science in any format. Therefore, this will be a unique program.

Responsible Academic Unit(s):	Institutional Contact:
College of Agriculture and Life Sciences	Dr. George Hopper

Number of Students Expected to Enroll in First Six Years:	Number of Graduates Expected in First Six Years:
Year One 8	Year One 0
Year Two 16	Year Two 8
Year Three 24	Year Three 16
Year Four 24	Year Four 24
Year Five 24	Year Five 24
Year Six 24	Year Six 24
Total 120	Total 96

Program Summary:

This new degree would create separation between the current thesis and non-thesis programs within the umbrella Master of Science in Agriculture degree. By designating non-thesis degrees as Master of Agriculture, this will better

represent their work and allow the Master of Science degree to better present what the thesis students accomplish. Students in this new degree program will choose a concentration (Animal and Dairy Sciences, Entomology, Plant Pathology, or Poultry Science) and complete 30 hours of coursework within each concentration. Students will write a scholarly paper, present that information to their graduate committees, and pass an oral exam to earn their degree. Each concentration may have specific course requirements. Students completing this degree will be experts in their designated area of study and will be well suited for careers in a multitude of fields where, perhaps, an advanced degree is necessary. This degree provides a good option for students desiring a terminal Master's degree without having to conduct a research project. This may expedite the completion of the degree, improving their employability while not extending schooling as long as some other options. According to the United States Department of Agriculture, employment opportunities in food, agriculture, renewable natural resources, and environment are expected to grow by more than 5% by 2020 for college graduates with bachelor's or higher degrees.

The program would be offered face-to-face and online to accommodate the working individual.

Chief Academic Officer Signature

Date

Institutional Executive Officer Signature

Date

Institution: Mississippi State University

1. Describe the proposed program and explain how it fits within the mission of the institution.

The proposed program fits within the mission of the institution by connecting learning, research, and extension of knowledge. This new program will create a separation that better matches the requirements of the degree with the desired outcomes of the students. It will better prepare these students for careers in agriculture that may not require an advanced degree involving research. Preparing graduates for careers in agriculture, which is an industry of great importance to the state of Mississippi, is central to the core mission of Mississippi State University.

2. Provide the information used to determine Mississippi's need for this program. Be specific and provide supporting data

This new program will create a degree that better matches requirements of the degree with the desired outcome of the students. As an example, of in-state students that apply for veterinary school at Mississippi State University, approximately 60% are admitted. While that percentage is only 7% for out-of-state students. Many students plan to reapply the following year, especially to medical and veterinary schools, and seek educational opportunities that will make their application stronger and more competitive. Graduate school is a viable option, but conducting a research project takes a strong commitment to complete and this often takes an extended period of time that limits the completion of the M.S. degree to at least 2 full years. This proposed program can be completed in an expedited fashion because no research project is necessary. In addition to the students seeking admission to professional schools, students wishing to make themselves more employable, with more skills, at a potentially higher salary will seek opportunities such as this program. As of now, students seek these opportunities out of state. Per the Graduate Exit Survey, more than 50% of Animal and Dairy Science undergraduates plan to pursue further education via full-time graduate or professional school, but not all will get into vet school their first application. For Biochemistry undergraduates – the undergraduate major that houses the concentrations in Entomology and Plant Pathology – over 75% of students indicated pursuing graduate or professional school. And for Poultry Science undergraduates, that number was more than 25%.

Additionally, this degree program provides an advanced degree opportunity for working individuals who are not able to

return to main campus to complete an advanced degree in an applicable field.

These are the current numbers of students in the MS programs who are non-thesis:

MS AGR, ASC concentration = 0 of 16 enrolled students in Fall 2017
MS ALSC, ENT concentration = 3 of 17 enrolled students in Fall 2017
MS ALSC, ENPP concentration = 0 of 1 enrolled students in Fall 2017
MS AGR, PO concentration = 1 of 6 enrolled students in Fall 2017

3. Provide information on employment (supporting data must include state and national employment statistics)

The USDA expects to see 57,900 annual openings for graduates in the area of food, agriculture, renewable natural resources and the environment in the U.S. The largest sector in these industry is expected to be management and business. In Mississippi, Agriculture, forestry, and natural resources impacts state-wide employment with 29% of the state's total impact. It impacts the income with 22% of the state's total impact. Further, in 2015 the value-added amount to the MS economy was 16.1 billion dollars. It is clear there will be a need for graduates trained in these fields and that MS relies heavily on these fields for the state economy. It is critical to have enough well-trained graduates to fill the need. This proposed program will allow students to add management and business courses to their production degrees if desired, improving their employability in the area of agriculture, animal sciences, plant and soil sciences, entomology, and poultry sciences.

4. Describe the anticipated institutional impact including any research efforts associated with this program.

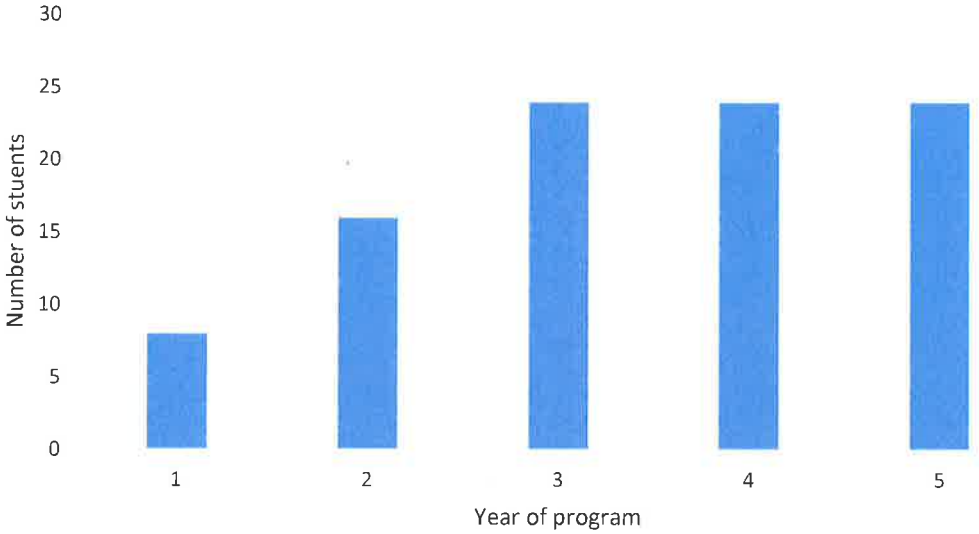
Because these students are non-thesis students, they will not conduct traditional research projects that require significant University resources. However, they may have desires to assist with ongoing research projects as directed individual studies to gain knowledge. The curricula allow for that flexibility. The addition of more graduate students in these programs will facilitate additional research avenues on the scholarship of teaching and learning.

5. Provide the total anticipated budget for the program. Indicate from where the funds will come. Include the anticipated annual cost of operation. Include start up costs on the first year of operation with 5 subsequent years to equal 6 year cost of implementation as shown on page 1.

Research-based graduate programs in the proposed areas are already in place and the logistics of managing the program will follow the system already used. Faculty time will be reallocated to match the needs of this program. It is expected that the equivalent of one faculty member in each concentration area will spend approximately 10% effort on this program which will incur an expected \$30,000 cost for the entire program per year. Thus the 6-year projected cost is **\$180,000**. However, reallocation of faculty time along with redistribution of workloads will not require any new funds. In addition, revenue from the distance learning portion of the program will be reinvested into the program and used to develop courses, transition courses to distance education, etc.

6. Use a chart to show anticipated enrollment for the first five years of the program.

Anticipated enrollment for the first five years



7. Indicate where the proposed program is offered within the state.

a. Chart similarities and differences in the proposed program and those offered in other institutions.

Alcorn State University offers a Master of Science in Agriculture with concentrations in Agricultural Economics, Agronomy, and Animal Science. However, they do not offer a non-thesis option for Animal Science, nor do they offer Entomology, Plant Pathology, or Poultry Science in any format. Therefore, this will be a unique program.

b. Explain anticipated consequences on enrollment in other institutions offering the program, including any ramifications on the Ayers settlement

None

8. What is the specific basis for formulating the number of graduates expected in the first six years?

We used historical enrollment data, keeping in mind that in recent years some departments were not enrolling students into the program by choice. Active recruitment will take place to enroll students into this new program. Additional marketing will be used to showcase the distance education option as well as students seeking professional school options.

Appendix 8: New Degree Program Proposal
(Submit Appendix 8 in both PDF and Word Document Formats)

Institution: Mississippi State University

Date of Implementation:

Six Year Cost of Implementation:

Per Student Cost of Implementation:

Fall 2019

\$180,000

\$1,500

Program Title as will Appear on Academic Program Inventory, Diploma, and Transcript:

Six Digit CIP Code:

Agriculture

26.0101

Degree(s) to be Awarded:

Credit Hour Requirements:

Master of Agriculture

30

List any institutions within the state offering similar programs:

None

Responsible Academic Unit(s):

College of Agriculture and Life Sciences

Institutional Contact:

Dr. George Hopper

Check one of the boxes below related to SACS COC Substantive Changes.

☒

Proposed Program is Not a Substantive Change

☐

Proposed Program is a Substantive Change

Number of Students Expected to Enroll in First Six Years:

Year One	8
Year Two	16
Year Three	24
Year Four	24
Year Five	24
Year Six	24
Total	120

Number of Graduates Expected in First Six Years:

Year One	0
Year Two	8
Year Three	16
Year Four	24
Year Five	24
Year Six	24
Total	96

Program Summary:

This new degree would create separation between the current thesis and non-thesis programs within the umbrella Master of Science in Agriculture degree. By designating non-thesis degrees as Master of Agriculture, this will better represent their work and allow the Master of Science degree to better present what the thesis students accomplish. Students in this new degree program will choose a concentration (Animal and Dairy Sciences, Entomology, Plant Pathology, or Poultry Science) and complete 30 hours of coursework within each concentration. Students will write a scholarly paper, present that information to their graduate committees, and pass an oral exam to earn their degree. Each concentration may have specific course requirements. Students completing this degree will be experts in their designated area of study and will be well suited for careers in a multitude of fields where, perhaps, an advanced degree is necessary. This degree provides a good option for students desiring a terminal Master's degree without having to conduct a research project. This may expedite the completion of the degree, improving their employability while not extending schooling as long as some other options. According to the United States Department of Agriculture, employment opportunities in food, agriculture, renewable natural resources, and environment are expected to grow by more than 5% by 2020 for college graduates with bachelor's or higher degrees.

Chief Academic Officer Signature

Date

Institutional Executive Officer Signature

Date

Institution: Mississippi State University

1. Describe how the degree program will be administered including the name and title of person(s) who will be responsible for curriculum development and ongoing program review.

This degree program will be administered very similar to the Master of Science and Doctorate programs housed within the College of Agriculture and Life Sciences. Dr. George Hopper, Dean of the College of Agriculture and Life Sciences, and his office will coordinate the program. Each concentration area will also conduct curriculum and program reviews of their specific concentrations.

- Dr. Jamie Larson – Graduate Coordinator of Animal and Dairy Sciences and Associate Professor
- Dr. Chris McDaniel – Graduate Coordinator of Poultry Sciences and Professor
- Dr. Kenneth Willeford – Graduate Coordinator of Entomology and Professor
- Dr. Kenneth Willeford – Graduate Coordinator of Plant Pathology and Professor

2. Describe the educational objectives of the degree program including the specific objectives of any concentrations, emphases, options, specializations, tracks, etc.

Overall, the educational objectives of the degree programs are to provide students with learning opportunities to make them more qualified and more skilled for employment in the fields of agriculture. A primary objective is to provide an option to meet the desires of students while not created a program that is not feasible (thus, no research and thesis component).

Four specific concentrations are proposed:

Animal and Dairy Sciences: to prepare students for careers in the animal industries by enhancing technical skills, communication skills, and scientific literacy.

Entomology: to prepare students for careers in crop protection services, crop consulting, and crop scouting by enhancing technical skills, communication skills, and scientific literacy.

Plant Pathology: to prepare students for careers in crop protection services, crop consulting, and crop scouting by enhancing technical skills, communication skills, and scientific literacy.

Poultry Science: to prepare students for careers in the poultry industry or other animal industries by enhancing technical skills, communication skills, and scientific literacy.

*No other emphases, options, specializations or tracks are proposed.

3. Describe any special admission requirements for the degree program including any articulation agreements that have been negotiated or planned.

There are no additional requirements being proposed beyond the requirements already imposed by the Office of the Graduate School. No articulation agreements have been negotiated or are planned.

4. Describe the professional accreditation that will be sought for this degree program. If a SACS visit for substantive change will be necessary, please note.

This degree program will not require accreditation beyond the current institutional accreditation in place for MSU as a whole.

5. Describe the curriculum for this degree program including the recommended course of study (appending course descriptions for all courses) and any special requirements such as clinical, field experience, community service, internships, practicum, a thesis, etc.

PROPOSED New Degree

Degree: Master of Agriculture

Major: Agriculture

Concentration 1: Animal and Dairy Sciences

Concentration 2: Entomology

Concentration 3: Plant Pathology

Concentration 4: Poultry Science

The Master of Agriculture degree is a non-thesis advanced degree designed to prepare graduates for careers or professional schools. A concentration is selected and students develop a program of study with approval by the student's graduate committee in accordance with Graduate School policy and course requirements for the concentration.

Students are required to complete 30 hours of coursework as approved by the graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Not more than 6 hours of graduate credit may be earned in Directed Individual Study courses. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.

Proposed Curriculum Outline	Required Hours
College Required Courses: No college required courses.	0
Major Required Courses: No major required courses.	0
Concentration 1. Animal and Dairy Sciences Courses: Graduate Seminar (ADS 8111, ADS 8121, or ADS 8131 are suggested courses)	2

Statistics (ST 8114 and ST 8214 are suggested courses)	8
Biochemistry (ADS 8333, BCH 6013, BCH 6603, or BCH 6613 are suggested courses)	3
Directed Individual Study	3
Graduate level coursework with at least 12 hours at the 8000-level	14
Total Hours	30
<p>Students are required to complete 30 hours of coursework as approved by his/her graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.</p>	
Proposed Curriculum Outline	Required Hours
Concentration 2. Entomology Courses:	
Graduate Seminar (EPP 8111, EPP 8121, or BCH 8101)	2
Directed Individual Study (EPP 7000 or BCH 7000)	6
Graduate level coursework at the 8000-level or higher	12
Other graduate-level coursework	10
Total Hours	30
<p>Students are required to complete 30 hours of coursework as approved by his/her graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.</p>	
Proposed Curriculum Outline	Required Hours
Concentration 3. Plant Pathology Courses:	
Graduate Seminar (EPP 8111, EPP 8121, or BCH 8101)	2
Directed Individual Study (EPP 7000 or BCH 7000)	6
Graduate level coursework at the 8000-level or higher	12

Other graduate-level coursework	10
Total Hours	30
Students are required to complete 30 hours of coursework as approved by the graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Not more than 6 hours of graduate credit may be earned in Directed Individual Study courses. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.	
Proposed Curriculum Outline	Required Hours
Concentration 4. Poultry Science Courses:	
Graduate Seminar (PO 8011, repeatable; number is determined by major professor and the committee)	1-4
Directed Individual Study (PO 7000)	3
Graduate-level coursework	15
8000-level coursework	8-11
Total Hours	30

6. Describe the faculty who will deliver this degree program including the members' names, ranks, disciplines, current workloads, and specific courses they will teach within the program. If it will be necessary to add faculty in order to begin the program, give the desired qualifications of the persons to be added.

Animal and Dairy Sciences concentration: In addition to the graduate coordinator (Jamie Larson) courses taught within the Department that can be applied to this program may include:

Nutritional biochemistry of livestock animals – taught by Dr. Derris Burnett, Assistant Professor, Meat Scientist

Graduate seminar – taught by Dr. Jamie Larson, Associate Professor, Reproductive Physiology

Method application and data analyses in animal sciences (currently under review at UCCC) – will be taught by Dr. Trent Smith, Associate Professor, Breeding and Genetics

Entomology concentration:

(All faculty teach EPP 7000, EPP 8990 as needed)

Gerald T. Baker, Professor, Morphology/Anatomy, EPP 6154, EPP 8223, EPP 8144

Richard L. Brown, Professor, Taxonomy / Systematics, EPP 6164

Michael A. Caprio, Professor, Modeling / Entomology, EPP 8111/8121, EPP 8483

Angus L. Catchot Jr., Extension Professor, Row Crop Entomology

Donald Cook, Assistant Research Professor, Row Crop Entomology

Jeffrey F.D. Dean, Professor and Department Head

Jerome Goddard, Extension Professor, Medical / Veterinary, EPP 6173, EPP 6313

John Guyton, Associate Extension Professor, 4-H / Education

Jeffrey Harris, Assistant Extension/Research Professor, Bees

JoVonn Hill, Assistant Research Professor, Taxonomy

Jonas King, Assistant Professor, Insect Vector Biology/Genomics

Natraj Krishnan, Assistant Professor, Insect Physiology, EPP 8333, EPP 6543

M. Blake Layton Jr., Extension Professor, Urban Entomology

Fred R. Musser, Professor, Row Crop Entomology, EPP 6234, EPP 6263

John J. Riggins, Associate Professor, Forest Entomology

John C. Schneider, Professor, Insect Ecology, EPP 8272

Plant Pathology concentration:

Tom W. Allen, Associate Extension/Research Professor, Row Crop Pathogens

Richard E. Baird, Professor, Plant (Forest) Mycology, EPP 6254, EPP 8173

Clarissa Balbalian, Diagnostic Lab Manager, Plant Disease Diagnostics

Jeffrey F.D. Dean, Professor and Department Head

Alan Henn, Extension Professor, Fruit / Ornamental Pathogens

Gary W. Lawrence, Associate Professor, Nematodes

Shien Lu, Professor, Plant Bacteriology, EPP 6113, EPP 6163

Rebecca Melanson, Assistant Extension Professor, Fruit & Nut Crop Pathogens

Sead Sabanadzovic, Professor, Plant Viruses/Fungal viruses, EPP 6214, EPP 8123

Maria Tomaso-Peterson, Research Professor, Turfgrass Pathogen, EPP 6523

Poultry Science:

Beck, Mary M., Professor and Department Head, Poultry Physiology, PO 8011, PO 8111

Kiess, Aaron S., Associate Professor, Poultry Microbiology, PO 6844

McDaniel, Christopher D., Professor and Graduate Coordinator, Poultry Physiology, 6313, PO 6324

Peebles, E. David, Professor, Poultry Physiology

Tabler, Thomas, Extension Professor, Poultry Management

Adhikari, Pratima A., Assistant Professor, Poultry Nutrition

Wamsley, Kelley G. S., Assistant Professor, Poultry Nutrition, PO 6423

Zhai, Wei, Assistant Professor, Poultry Nutrition, PO 6334, PO 6413

VACANT POSITION, Assistant Professor, Poultry Processing, PO 6512, PO 6514

*No additional faculty will be necessary to begin the program.

7. Describe the library holdings relevant to the proposed program, noting strengths and weaknesses. If there are guidelines for the discipline, do current holdings meet or exceed standards?

Mississippi State University has an extensive (both physically and electronically) library system as well as an inter-library loan system. Mr. Brad Brazille is the designated librarian for the field of agriculture and has extensive knowledge on holdings housed in the MSU library system as well as mechanisms to acquire any additional holdings. The current system is sufficient for the current graduate degree programs in agriculture and is not expected to have any deficiencies in regards to this proposed degree program. No weaknesses are known and current holdings meet the demands.

8. Describe the procedures for evaluation of the program and its effectiveness in the first six years of the program, including admission and retention rates, program outcome assessments, placement of graduates, changes in job market need/demand, ex-student/graduate surveys, or other procedures.

The Office of Institutional Effectiveness at MSU tracks admission, retention, and graduation rates. They also conduct exit surveys of graduates. In addition, each concentration documents institutional effectiveness in an annual report. Each concentration develops objectives and mechanisms to measure student success within those objectives. These institutional effectiveness reports will be formulated for this new degree program as well.

9. What is the specific basis for formulating the number of graduates expected in the first six years?

It is projected that each concentration area would accept at least 2 students into the program the first year, which totals 8. The following year, it is projected that each concentration would accept an additional 2 students into the program, totaling 16. Once students begin to graduate, the enrollment is expected to be at least 24 students per year with the program expected to expand as it becomes marketed.

Proposal Elements

1. CATALOG DESCRIPTION

The Master of Agriculture degree is a non-thesis advanced degree designed to prepare graduates for careers or professional schools. A concentration is selected and students develop a program of study with approval by the student's graduate committee in accordance with Graduate School policy and course requirements for the concentration.

2. CURRICULUM OUTLINE

PROPOSED New Degree	
Degree: Master of Agriculture Major: Agriculture Concentration 1: Animal and Dairy Sciences Concentration 2: Entomology Concentration 3: Plant Pathology Concentration 4: Poultry Science	
The Master of Agriculture degree is a non-thesis advanced degree designed to prepare graduates for careers or professional schools. A concentration is selected and students develop a program of study with approval by the student's graduate committee in accordance with Graduate School policy and course requirements for the concentration.	
Students are required to complete 30 hours of coursework as approved by the graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Not more than 6 hours of graduate credit may be earned in Directed Individual Study courses. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.	
Proposed Curriculum Outline	Required Hours
College Required Courses: No college required courses.	0
Major Required Courses: No major required courses.	0
Concentration 1. Animal and Dairy Sciences Courses:	

Graduate Seminar (ADS 8111, ADS 8121, or ADS 8131 are suggested courses)	2
Statistics (ST 8114 and ST 8214 are suggested courses)	8
Biochemistry (ADS 8333, BCH 6013, BCH 6603, or BCH 6613 are suggested courses)	3
Directed Individual Study	3
Graduate level coursework with at least 12 hours at the 8000-level	14
Total Hours	30
<p>Students are required to complete 30 hours of coursework as approved by his/her graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.</p>	
Proposed Curriculum Outline	Required Hours
Concentration 2. Entomology Courses:	
Graduate Seminar (EPP 8111, EPP 8121, or BCH 8101)	2
Directed Individual Study (EPP 7000 or BCH 7000)	6
Graduate level coursework at the 8000-level or higher	12
Other graduate-level coursework	10
Total Hours	30
<p>Students are required to complete 30 hours of coursework as approved by his/her graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.</p>	
Proposed Curriculum Outline	Required Hours
Concentration 3. Plant Pathology Courses:	
Graduate Seminar (EPP 8111, EPP 8121, or BCH 8101)	2
Directed Individual Study (EPP 7000 or BCH 7000)	6
Graduate level coursework at the 8000-level or higher	12
Other graduate-level coursework	10

Total Hours	30
<p>Students are required to complete 30 hours of coursework as approved by the graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Not more than 6 hours of graduate credit may be earned in Directed Individual Study courses. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.</p>	
Proposed Curriculum Outline	Required Hours
Concentration 4. Poultry Science Courses:	
Graduate Seminar (PO 8011, repeatable; number is determined by major professor and the committee)	1-4
Directed Individual Study (PO 7000)	3
Graduate-level coursework	15
8000-level coursework	8-11
Total Hours	30

3. STUDENT LEARNING OUTCOMES AND ASSESSMENT

Overall, the educational objectives of the degree programs are to provide students with learning opportunities to make them more qualified and more skilled for employment in the fields of agriculture. A primary objective is to provide an option to meet the desires of students while not created a program that is not feasible (thus, no research and thesis component).

Four specific concentrations are proposed:

Animal and Dairy Sciences: to prepare students for careers in the animal industries by enhancing technical skills, communication skills, and scientific literacy.

Entomology: to prepare students for careers in crop protection services, crop consulting, and crop scouting by enhancing technical skills, communication skills, and scientific literacy.

Plant Pathology: to prepare students for careers in crop protection services, crop consulting, and crop scouting by enhancing technical skills, communication skills, and scientific literacy.

Poultry Science: to prepare students for careers in the poultry industry or other animal industries by enhancing technical skills, communication skills, and scientific literacy.

4. SUPPORT: see attached letter

5. PROPOSED 4-LETTER ABBREVIATION: AGRI

6. TERMINOLOGY

7. EFFECTIVE DATE: Fall 2019

8. CIP NUMBER: 26.0101



MISSISSIPPI STATE
UNIVERSITY

COLLEGE OF AGRICULTURE
AND LIFE SCIENCES

Box 9760
Mississippi State, MS 39762
P. 662.325.2110
cals.msstate.edu

November 10, 2017

Ms. Jessica Graves
Chair, CALS Curriculum Committee
Box 9815
Mississippi State, MS 39762

Ms. Graves:

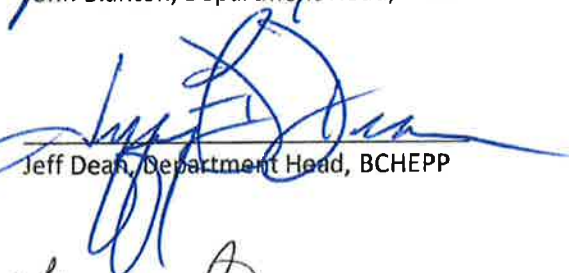
The following applicable graduate coordinators and department heads support the creation of the Master of Agriculture degree with concentrations in Animal and Dairy Sciences, Entomology, Plant Pathology, and Poultry Science.

Sincerely,


Jamie Larson, Graduate Coordinator, ADS


John Blanton, Department Head, ADS


Kenneth Willeford, Graduate Coordinator, BCHEPP


Jeff Dean, Department Head, BCHEPP


Chris McDaniel, Graduate Coordinator, PO


Mary Beck, Department Head, PO

Approved by:


George Hopper, Dean, CALS

Agricultural Economics ■ Agricultural and Biological Engineering ■ Animal and Dairy Sciences
Biochemistry, Molecular Biology, Entomology and Plant Pathology ■ Food Science, Nutrition and Health Promotion
Human Sciences ■ Landscape Architecture ■ Plant and Soil Sciences ■ Poultry Science

DEGREE APPROVAL FOR DISTANCE EDUCATION

1. CATALOG DESCRIPTION

The Master of Agriculture degree is a non-thesis advanced degree designed to prepare graduates for careers or professional schools. A concentration is selected and students develop a program of study with approval by the student's graduate committee in accordance with Graduate School policy and course requirements for the concentration.

2. CURRICULUM OUTLINE

PROPOSED New Degree	
Degree: Master of Agriculture Major: Agriculture Concentration 1: Animal and Dairy Sciences Concentration 2: Entomology Concentration 3: Plant Pathology Concentration 4: Poultry Science	
The Master of Agriculture degree is a non-thesis advanced degree designed to prepare graduates for careers or professional schools. A concentration is selected and students develop a program of study with approval by the student's graduate committee in accordance with Graduate School policy and course requirements for the concentration.	
Students are required to complete 30 hours of coursework as approved by the graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Not more than 6 hours of graduate credit may be earned in Directed Individual Study courses. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.	
Proposed Curriculum Outline	Required Hours
College Required Courses: No college required courses.	0
Major Required Courses: No major required courses.	0
Concentration 1. Animal and Dairy Sciences Courses:	

Graduate Seminar (ADS 8111, ADS 8121, or ADS 8131 are suggested courses)	2
Statistics (ST 8114 and ST 8214 are suggested courses)	8
Biochemistry (ADS 8333, BCH 6013, BCH 6603, or BCH 6613 are suggested courses)	3
Directed Individual Study	3
Graduate level coursework with at least 12 hours at the 8000-level	14
Total Hours	30
<p>Students are required to complete 30 hours of coursework as approved by his/her graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.</p>	
Proposed Curriculum Outline	Required Hours
Concentration 2. Entomology Courses:	
Graduate Seminar (EPP 8111, EPP 8121, or BCH 8101)	2
Directed Individual Study (EPP 7000 or BCH 7000)	6
Graduate level coursework at the 8000-level or higher	12
Other graduate-level coursework	10
Total Hours	30
<p>Students are required to complete 30 hours of coursework as approved by his/her graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.</p>	
Proposed Curriculum Outline	Required Hours
Concentration 3. Plant Pathology Courses:	
Graduate Seminar (EPP 8111, EPP 8121, or BCH 8101)	2
Directed Individual Study (EPP 7000 or BCH 7000)	6
Graduate level coursework at the 8000-level or higher	12
Other graduate-level coursework	10

Total Hours	30
Students are required to complete 30 hours of coursework as approved by the graduate committee. Some Directed Individual Study courses, numbered at the 7000-level, may be approved to meet the 8000-level course requirement. Not more than 6 hours of graduate credit may be earned in Directed Individual Study courses. Students will also have to complete a scholarly activity, participate in research projects, and develop a scholarly document focused on subject area.	
Proposed Curriculum Outline	Required Hours
Concentration 4. Poultry Science Courses:	
Graduate Seminar (PO 8011, repeatable; number is determined by major professor and the committee)	1-4
Directed Individual Study (PO 7000)	3
Graduate-level coursework	15
8000-level coursework	8-11
Total Hours	30

3. JUSTIFICATION FOR DISTANCE OFFERING

Many potential students for this degree will be working full-time away from main campus. By completing this degree online, these individuals may then be eligible for career advancements in their current positions or fields. A variety of methods of delivery may be utilized for the distance learning courses associated with the degree (i.e. video tape, web-based, interactive video). Courses offered through distance education will require students to have access to a computer or iPad with a camera and headphones for class participation. The course management system will also be utilized in many ways to deliver course content and promote student participation and interaction such as use of discussion boards, email, etc.

TARGET AUDIENCE

Whereas the main campus offering of the Master of Agriculture likely will target students who are pursuing professional schools, the target audience of the distance offering of the Master of Agriculture is working professionals who are not located in or near main campus due to working full time.

4. STUDENT LEARNING OUTCOMES AND ASSESSMENT

Overall, the educational objectives of the degree programs are to provide students with learning opportunities to make them more qualified and more skilled for employment in the fields of

agriculture. A primary objective is to provide an option to meet the desires of students while not created a program that is not feasible (thus, no research and thesis component).

Four specific concentrations are proposed:

Animal and Dairy Sciences: to prepare students for careers in the animal industries by enhancing technical skills, communication skills, and scientific literacy.

Entomology: to prepare students for careers in crop protection services, crop consulting, and crop scouting by enhancing technical skills, communication skills, and scientific literacy.

Plant Pathology: to prepare students for careers in crop protection services, crop consulting, and crop scouting by enhancing technical skills, communication skills, and scientific literacy.

Poultry Science: to prepare students for careers in the poultry industry or other animal industries by enhancing technical skills, communication skills, and scientific literacy.

5. PROPOSAL SUBMISSION

Appendix 10: Report of Intent to Offer a Degree Program by Distance Learning attached.

6. EFFECTIVE DATE: Fall 2019

7. CONTACT PERSON

Emily Shaw
College of Agriculture & Life Sciences
662-325-7752
ere1@msstate.edu

8. LETTER OF SUPPORT

A letter of is support attached.

**Appendix 10: Report of Intent to Offer a Degree Program by Distance Learning
(Submit Appendix 10 in both PDF and Word Document Formats)**

Institution:

Date of Initial Program Approval:

Fall 2019

Date of Implementation:

Fall 2019

Cost of Implementation:

\$180,000 (6 year cost)

Program Title as Appears on Academic Program Inventory, Diploma, and Transcript:

Agriculture

Six Digit CIP Code:

26.0101

Degree(s) to be Awarded:

Master of Agriculture

Credit Hour Requirements:

30

Percentage of Program Completed by Distance Learning:

100%

Percentage of Program Requiring Campus Visit:

0%

Will students be allowed to mix on-campus and distance learning courses within this program?

Yes

Will this program require separate admission from those offered on-campus?

Yes

Will this program have different fees or tuition rates from those offered on-campus?

Yes

Responsible Academic Unit(s):

College of Agriculture and Life Sciences

Institutional Contact:

Dr. George Hopper

Number of Students Expected to Enroll in First Six Years:

Year One 8

Year Two 16

Year Three 24

Year Four 24

Year Five 24

Year Six 24

Total 120

Number of Graduates Expected in First Six Years:

Year One 0

Year Two 8

Year Three 16

Year Four 24

Year Five 24

Year Six 24

Total 96

Program Summary:

This new degree would create separation between the current thesis and non-thesis programs within the umbrella Master of Science in Agriculture degree. By designating non-thesis degrees as Master of Agriculture, this will better represent their work and allow the Master of Science degree to better present what the thesis students accomplish. Students in this new degree program will choose a concentration (Animal and Dairy Sciences, Entomology, Plant Pathology, or Poultry Science) and complete 30 hours of coursework within each concentration. Students will write a scholarly paper, present that information to their graduate committees, and pass an oral exam to earn their degree. Each concentration may have specific course requirements. Students completing this degree will be experts in their designated area of study and will be well suited for careers in a multitude of fields where, perhaps, an advanced degree is necessary. At other institutions across the country, this type of degree is often used as a transitional degree to prepare students for professional school options. In addition, this degree provides a good option for students desiring a terminal Master's degree without having to conduct a research project. This may expedite the completion of the degree, improving their employability while not extending schooling as long as some other options. According to the United States Department of Agriculture, employment opportunities in food,

agriculture, renewable natural resources, and environment are expected to grow by more than 5% by 2020 for college graduates with bachelor's or higher degrees.

Chief Academic Officer Signature

Date

Institutional Executive Officer Signature

Date

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: Arts & Sciences

Department: English

Contact Person: Ginger Pizer

Mail Stop: 9518

E-mail: gpizer@english.msstate.edu

Nature of Change: Restrict duplication with Minor in Creative Writing

Date Initiated: October 4, 2017

Effective Date: Fall 2018

Degree to be offered at: Campus 1 (Starkville)

Current Degree Program Name: Minor in English

Summary of Proposed Changes:

The curriculum of the Minor in English is being changed to prevent duplication with the new Minor in Creative Writing. Students who are earning the Creative Writing minor will be required to complete 12 hours of English classes in addition to the requirements for that minor in order to earn the English minor as well.

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

☐

IHL Action Required

☐

SACS Letter Sent

DEGREE MODIFICATION FOR THE MINOR IN ENGLISH

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Minor in English		Degree: Minor in English	
<p>The study of English not only gives students knowledge of language and literature but also helps to develop their ability to read perceptively, think critically, analyze problems, and write correctly and persuasively. For this reason, studying English has traditionally been viewed as good training for careers in law, government, business, and publishing, as well as for careers in teaching and writing.</p> <p>English minors take at least 18 hours of English electives with a grade of C or better beyond completion of the freshman composition requirement of their major. Of these hours, at least six must be at the 4000 level; these must be completed in residence. No more than six hours may be linguistics classes, i.e., classes which count toward the linguistics minor. Students should consult the English major advisor to plan a minor program which will complement their major studies and career interests.</p>		<p>The study of English not only gives students knowledge of language and literature but also helps to develop their ability to read perceptively, think critically, analyze problems, and write correctly and persuasively. For this reason, studying English has traditionally been viewed as good training for careers in law, government, business, and publishing, as well as for careers in teaching and writing.</p> <p>English minors take at least 18 hours of English electives with a grade of C or better beyond completion of the freshman composition requirement of their major. Of these hours, at least six must be at the 4000 level; these must be completed in residence. No more than six hours may be linguistics classes, i.e., classes which count toward the linguistics minor. Students who are earning the Creative Writing minor must complete 12 hours of English classes in addition to the requirements for that minor in order to earn the English minor as well. Students pursuing the English minor should consult the English major advisor to plan a minor program which will complement their major studies and career interests.</p>	
CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
EN courses at the 2000-3000 level	0-12	EN courses at the 2000-3000 level	0-12
EN courses at the 4000 level	6-18	EN courses at the 4000 level	6-18
Total Hours	18	Total Hours	18

Justification, Administration, and Student Learning Outcomes

The requirements of the English minor are being changed to prevent duplication with the concurrently proposed Minor in Creative Writing. All of the courses in the Creative Writing minor are listed in English and could therefore also count toward the English minor. However, with the proposed restriction, no more than 6 hours may be duplicated between the two minors.

This restriction will be enforced when transcripts are evaluated for the awarding of the minor. The Director of Undergraduate Studies for the English department, who reviews the transcripts for the English Minor, will take note of how many courses each minor candidate has taken in the practice of creative writing (currently EN 3303 Creative Writing, EN 3803 Intermediate Poetry Writing, EN 3903 Intermediate Fiction Writing, EN 4303 Craft of Poetry, and EN 4313 Craft of Fiction). Any student who has completed the requirements for the Creative Writing minor (12-15 hours of classes in the practice of creative writing and 3-6 hours of classes in literature) will earn the English minor only if they have completed 12 hours of English classes in addition to those requirements.

The Minor in English is designed to accommodate students who want to focus their English studies on literature as well as those who want to explore the language from a variety of perspectives, combining courses in English literature, linguistics, and/or writing. In order to allow this more general study of the

field, the minor must include the possibility of a course or two in the practice of creative writing. However, students who want to focus their attention on creative writing will now have the possibility of a defined program for that study as well as a more specific record of that study. The creation of the Minor in Creative Writing and the restriction of overlap with the Minor in English will allow a clearer representation for all students of their chosen track.

Letters of Support

Please see the letter from the Department of English attached.

4-Letter Abbreviation: ENGL

CIP Code: 23.01

Effective Date: Fall 2018



MISSISSIPPI STATE
UNIVERSITY™

COLLEGE OF ARTS & SCIENCES

Department of English

P.O. Box E

2004 Lee Hall

Mississippi State, MS 39762

P. 662.325.3644

F. 662.325.3645

www.english.msstate.edu

TO: Dr. Bonnie O'Neill
Chair, Arts and Sciences Curriculum Committee

FROM: Dr. Wendy Herd
Chair, English Department Curriculum Committee

RE: Approval for Modifying the English Minor

DATE: October 25, 2017

The English Department's Curriculum Committee and the department as a whole have voted to approve modifying the requirements for an English minor (see below) to avoid duplication with the proposed creative writing minor.

Students who are earning the creative writing minor must complete 12 hours of English classes in addition to the requirements for that minor in order to earn the English minor as well.

Members of the Curriculum Committee:

Dr. Shalyn Claggett

Dr. Lara Dodds

Dr. Holly Johnson

Dr. Ginger Pizer

Dr. Andrea Spain

Ann Spurlock

Dr. Eric Vivier

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: Arts & Sciences

Department: English

Contact Person: Michael Kardos

Mail Stop: 9518

E-mail: mpk36@msstate.edu

Nature of Change: New Minor

Date Initiated: 9/22/2017 Effective Date: Fall 2018

Degree to be offered at: Starkville (Campus 1)

Current Degree Program Name:

Major:

Concentration:

New Degree Program Name: Minor in Creative Writing

Major:

Concentration:

Summary of Proposed Changes:

We are proposing the addition of a minor in creative writing within the department of English.

The minor in creative writing will focus on the study of poetry and fiction writing, including the learning of techniques, forms, and approaches of creative expression. Creative writing offers students the opportunity to use language as a means of making art that explores the complexity of human experience. A background in creative writing prepares students for a variety of future paths, including teaching, editing, publishing, law, advertising, public relations, and any career that places emphasis on the written word.

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

☐ IHL Action Required

☐ SACS Letter Sent

1. CATALOGUE DESCRIPTION

The minor in creative writing focuses on the study of poetry and fiction writing, including the learning of techniques, forms, and approaches of creative expression. Creative writing offers students the opportunity to use language as a means of making art that explores the complexity of human experience. A background in creative writing prepares students for a variety of future paths, including teaching, editing, publishing, law, advertising, public relations, and any career that places emphasis on the written word.

2. CURRICULUM OUTLINE

No new courses are proposed to develop the Creative Writing minor.

PROPOSED New Degree		
Degree: MINOR		
Major: English		
Concentration: Creative Writing		
The minor in creative writing focuses on the study of poetry and fiction writing, including the learning of techniques, forms, and approaches of creative expression. Creative writing offers students the opportunity to use language as a means of making art that explores the complexity of human experience. A background in creative writing prepares students for a variety of future paths, including teaching, editing, publishing, law, advertising, public relations, and any career that places emphasis on the written word.		
The minor requires 18 semester hours (six courses) with a grade of C or above in each course. Transfer credit awarded if approved by the Director of the Creative Writing Program.		
Proposed Curriculum Outline		Required Hours
Students will complete the following three required courses:		
EN 3303 Creative Writing (includes fiction and poetry)		3
EN 3803 Intermediate Poetry Writing		3
EN 3903 Intermediate Fiction Writing		3
Students will complete one or two of the following courses:		3-6
EN 4303 Craft of Poetry		
EN 4313 Craft of Fiction		
Students will complete one or two of the following courses:		3-6
For Non-English Majors: EN 2203 Introduction to Literature EN 2213 English Literature before 1800 EN 2223 English Literature after 1800 EN 2243 American Literature before 1865 EN 2253 American Literature after 1865 EN 2273 World Literature before 1600 EN 2283 World Literature after 1600 EN 2363 Intro to African American Lit EN 2434 Literature and Film EN 2443 Intro to Science Fiction EN 3513 Women in Literature EN 3523 Shakespeare and Film EN 3533 Selected Authors EN 4333 Southern Literature EN 4343 African American Literature EN 4393 Postcolonial Lit and Theory EN 4503 Shakespeare before 1600 EN 4513 Shakespeare after 1600 EN 4523 Chaucer EN 4533 Milton EN 4643 18 th Century British Novel EN 4653 19 th Century British Literature EN 4663 British and Irish Novel since 1900 EN 4703 16 th Century English Literature EN 4713 17 th Century British Literature EN 4723 British Lit 1660 – 1700		
For English Majors: EN 4943 Form and Theory of Fiction EN 4953 Form and Theory of Poetry		

EN 4733 18 th Century British Literature	
EN 4803 Types of Drama since 1900	
EN 4813 World Novel since 1900	
EN 4823 Poetry since 1900	
EN 4833 American Short Story	
EN 4863 Romantic Poetry	
EN 4883 Victorian Poetry and Prose	
EN 4893 American Literature to 1800	
EN 4903 American Literature 1800-1860	
EN 4913 American Literature 1860-1900	
EN 4923 American Novel since 1900	
EN 4933 Survey of Contemporary Lit	
EN 4943 Form and Theory of Fiction	
EN 4953 Form and Theory of Poetry	
Total Hours	18

3. POSSIBLE DUPLICATION

A maximum of 6 credit hours in creative writing courses may be counted toward the English major (3 credits as an English elective and 3 credits as a vocational elective). Therefore, an English major who wishes to minor in creative writing would still be required to take at least 12 additional credits toward the minor.

Simultaneous to this proposal, the English department is requesting a change to the existing English minor, so that any student who completes the requirements for the Creative Writing minor will earn the English minor only if they have completed 12 hours of English classes in addition to the Creative Writing minor requirements.

The difference in course requirements for English majors versus non-majors (see above chart) is to minimize potential duplication of courses. English majors already take many of the courses listed under "Non-English Majors" (see table above) to meet the requirements of their major. EN 4943 and 4953 do not currently count toward the requirements of the English major, yet they are ideal courses for the student pursuing an in-depth study of creative writing. Therefore, an English major pursuing a minor in creative writing must take 3-6 hours in "form and theory" courses in addition to 12-15 hours of creative writing courses to complete the 18-hour Creative Writing minor.

Students not majoring in English do not have the potential overlap of courses in their major. Therefore, in pursuing a Creative Writing minor, they can choose from any course in literature at the 2000 level or higher (see courses listed in table above), as well as "form and theory" courses 4943 and 4953.

4. STUDENT LEARNING OUTCOMES AND ASSESSMENT

Expected Learning Outcomes

Students completing their minor in creative writing will:

1. Have produced original fiction and poetry that demonstrates complexity of ideas, an understanding of form, and mastery of mechanics;
2. Have demonstrated knowledge of fictional and poetic conventions, forms, and devices;
3. Be able to move from initial idea to a completed draft, and be able to revise from one draft to the next;
4. Be able to analyze works of fiction and poetry, including both published works and student drafts, for meaning and technique;
5. Be able to provide thoughtful, honest, and diplomatic responses, both oral and written, for fellow students' manuscripts;
6. Be able to demonstrate increased knowledge of the literary traditions into which they have entered.

Assessment Methods

Creative Writing faculty will regularly assess the program in several ways, including:

1. End-of-semester course evaluations;
2. Written surveys completed by graduating students with the creative writing minor;
3. Exit interviews with graduating students with the creative writing minor;
4. A collection of sample student work of students entering and exiting the minor;

The results of these assessments will be included in an annual report, completed by the English Department's Creative Writing Committee.

5. LETTER OF SUPPORT

A letter of support from the Department of English faculty is included with this proposal

6. EFFECTIVE DATE

Fall 2018

PROPOSED 4-LETTER ABBREVIATION

N/A

CIP CODE

23.1302



MISSISSIPPI STATE
UNIVERSITY

COLLEGE OF ARTS & SCIENCES
Department of English

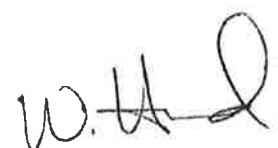
P.O. Box E
2004 Lee Hall
Mississippi State, MS 39762
P. 662.325.3644
F. 662.325.3645
www.english.msstate.edu

TO: Dr. Bonnie O'Neill
Chair, Arts and Sciences Curriculum Committee

FROM: Dr. Wendy Herd
Chair, English Department Curriculum Committee

RE: Approval for Adding a Creative Writing Minor

DATE: October 25, 2017



The English Department's Curriculum Committee and the department as a whole have voted to approve the addition of a minor in creative writing and to make the following modification to the requirements for an English minor:

Students who are earning the creative writing minor must complete 12 hours of English classes in addition to the requirements for that minor in order to earn the English minor as well.

Members of the Curriculum Committee:

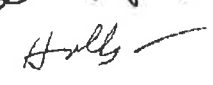
Dr. Shalyn Claggett



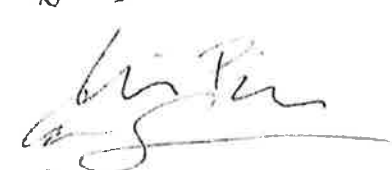
Dr. Lara Dodds



Dr. Holly Johnson



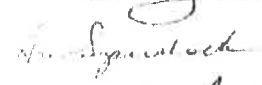
Dr. Ginger Pizer



Dr. Andrea Spain



Ann Spurlock



Dr. Eric Vivier



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 to UCCC Mail Stop 9702 (281 Garner Hall), Phone: 325-9410.

College: Arts & Sciences

Department: Music

Contact Person: Richard Human

Mail Stop: 9734

E-mail: richard.human@msstate.edu

Nature of Change: Modification

Date Initiated: 3/8/17

Effective Date: Spring 2018

Current Degree Program Name: Bachelor of Arts in Music

Major: Music

Concentration: N/A

New Degree Program Name: Bachelor of Arts in Music

Major: Music

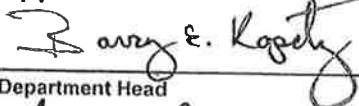
Concentration: N/A

Summary of Proposed Changes: 1. Replace MU 1162 Music History 1, MU 2322 Music History 2 and MU 2323 Music History 3 with MU 2012 World Music, MU 3013 Survey of Western Music 1 and MU 3023 Survey of Western Music 2.

2. Reduce Music electives by one hour to accommodate the additional credit hour in the history sequence.

Approved:

Date:



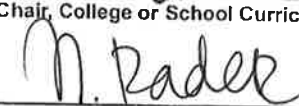
Department Head

11-2-17



Chair, College or School Curriculum Committee

4/28/17



Dean of College or School

11.30.17

Chair, University Committee on Courses and Curricula

Chair, Graduate Council(if applicable)

Chair, Deans Council



MISSISSIPPI STATE
UNIVERSITY

Department of Music

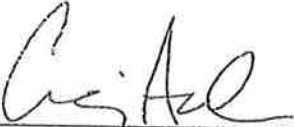
February 21, 2017

TO: Box Council and UCCC Committee Members

FR: Department of Music Curriculum Committee
Richard Human, chair

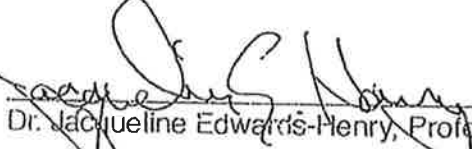
RE: Support for Modification of 2017 BA

This letter of support is offered by the Department of Music faculty for the proposed modification of the BA degree to update the catalog description, replace music history courses and change the number of music elective hours. As indicated by the signatures of the Curriculum Committee below, these proposals have the unanimous support of the Department of Music Faculty.




Dr. Craig Aarhus, Associate Professor
2/27/17

Date



Dr. Jacqueline Edwards-Henry, Professor
2/22/17

Date



Dr. Jeannette Fontaine, Assistant Professor
2/22/17

Date



Dr. Richard Human, Jr., Associate Professor
2/22/17

Date

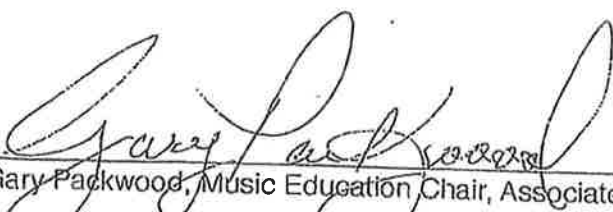


Ms. Elva Kaye Lance, Director of Bands
2/27/17

Date

P. O. Box 6240 • Mississippi State, MS 39762
Phone: (662) 325-3070 • Fax: (662) 325-0250

University Bands: (662) 325-2713 • University Choir: (662) 325-3490


Dr. Gary Packwood, Music Education Chair, Associate Professor
2-27-17
Date


Dr. Michael Patilla, Associate Professor
2/27/17
Date



MISSISSIPPI STATE
UNIVERSITY™

Department of Music

October 16, 2017

To: College of Arts and Sciences Curriculum Committee
Fr: Richard Human, Chair, Department of Music Curriculum Committee
Re: Degree Modification B.A. Music - Response to Dr. Brain

This past Spring (2017) the College of Arts and Sciences Curriculum Committee returned the Department of Music's proposal for a Degree Modification for the B.A. Music degree. Dr. Brain's response (sent via an email) is attached.

Dr. Edwards-Henry and myself met with Dr. Brain to determine how the provided justification was lacking, and have prepared this further explanation in support of our proposal.

Beginning in the Fall of 2014, the Department of Music undertook a comprehensive review of our Bachelor of Music Education (B.M.E.) with the goal of bringing a sharper focus to pedagogy earlier in our students' degree program and to bring a greater diversity of content.

To the latter goal, we added courses such as Foundations of Music Education, Elementary Music Methods, Technology in Music Education and World Music. The addition of these courses, along with our goal of exposing students to professional education courses earlier in their sequence, necessitated the restructuring of several primary content areas, including Music History. The result of this restructuring was a new Music History sequence that included much-desired diversity while retaining an important focus on the canon of Western art music.

The new Music History sequence: World Music, Survey of Western Music I, Survey of Western Music II; brings a total of 8 credit hours to our history area where there was previously 7 credit hours in the area. Additionally, the new structure of content required new courses be created.

The Department of Music B.M.E. revision was approved by UCCC and implemented into the MSU Catalog for the Fall of 2016.

The present proposal to the College of Arts and Sciences Curriculum Committee requests that the restructured Music History sequence be implemented in the B.A. Music degree. And, to accommodate the increase from 7 hours in the music history area to 8 hours, we additionally request that the number of music electives be reduced from 5 credit hours to 4 credit hours.

Thank you,


Richard Human, Jr., Chair
Department of Music Curriculum Committee

P. O. Box 6240 • Mississippi State, MS 39762
Phone: (662) 325-3070 • Fax: (662) 325-0250

University Bands: (662) 325-2713 • University Choir: (662) 325-3490

----- Forwarded message -----

From: Brain, Stephen <scbrain@history.msstate.edu>

Date: Thu, Apr 27, 2017 at 7:30 PM

Subject: Re: Curriculum Proposal: Department of Music

To: Richard Human <richard.human@gmail.com>

Dear Richard,

Thanks for the email. Hello from Helsinki! Our committee met to talk about the proposal at the last meeting. We had a few thoughts, but the most important was that we felt that the justification for the changes was absent. That is, we thought the UCCC would want an explicit explanation for the various adjustments. We thought that most any reason would be acceptable, especially a comparison to peer institutions, and that you'd need to add that. We had small other concerns as well. Perhaps we could meet after my return? I'll be back on campus on Monday.

SCB

Sent from my iPad

Department of Music Degree Modification Bachelor of Arts in Music

1. Catalog Description

Department Head: Barry E. Kopetz
Department Office:
Music Building A,
Telephone: (662) 325-3070
Fax: (662) 325-0250
<http://music.msstate.edu/>

Mailing Address:
Department of Music
PO Box 6240
Mississippi State, MS 39762

University Bands
Ms. Elva Kaye Lance, Director of Bands
Telephone: 662-325-2713
<http://msuband.msstate.edu>

University Choirs
Dr. Gary Packwood, Director of Choral Activities
Telephone: 662-325-7801
<http://www.statesings.com/>

University Orchestra
Dr. Barry E. Kopetz, Director
Telephone: 662-325-7750

Mission

The mission of the Department of Music at Mississippi State University is to contribute to the culture and education of our diverse state and region by providing quality training and opportunities through programs of teaching, research, and service. The department:

- Offers excellent instruction to its students, helping to produce future generations of music professionals and patrons.
- Engages in meaningful research, performance, and other creative work, positively affecting students, colleagues, and audiences throughout our community and beyond.

The Mission of the Department of Music at Mississippi State University is two-fold. The department's first obligation is to provide music instruction and specialized pedagogical training for state-certified elementary and secondary school music teachers. This program of instruction is intended to prepare students for exemplary entry-level teaching performance and for admission to selective graduate schools. To this end, the Department of Music provides:

- Curricula and advisement that encourage students to acquire a broad, liberal education.
- A comprehensive undergraduate education in the art of music.
- A background in existing music curricula, curriculum design principles, materials, and methodologies.
- Preparation in general education, theory, history, and methodology.

Bachelor of Arts in Music

The Department of Music offers a Bachelor of Arts in Music degree in a liberal arts tradition of music study. This degree is designed to provide foundation coursework to apply to a variety of interdisciplinary careers including music, in preparation for graduate study or for self-improvement. Students are required to earn a "C" or better in all required (non-elective) applied music (MUA), music (MU) and music education (MUE) courses.

Auditions

All potential music majors and minors are required to audition for appropriate faculty in order to determine their preparedness to enter the program, participate in any ensemble, and determine eligibility for a scholarship or service award.

Although alternate dates are available, the preferred audition date for music majors and minors in all areas is the third Saturday in February. Other audition dates are available by contacting the applied faculty of your area of concentration, the department office (662) 325-3070, or the major ensembles offices.

Transfer Information

After successful admission to the University, and in addition to the music major audition, transfer students are required to complete a music theory and aural skills entrance exam to determine preparedness for upper division study. For more information see the Department of Music website or call 662-325-3070.

Music Minor

Mississippi State University offers MSU students the opportunity to complete a minor in music. The Music Minor is a comprehensive set of courses designed to increase student musicianship and knowledge.

Students must audition and be accepted as a music minor before it can be declared. Acceptance in any given studio area is on a space available basis. The requirements for the music minor can not be completed after graduating from MSU.

For information and required courses, visit the Department of Music website: <http://www.music.msstate.edu/academics/minorinmusic/>

2. Curriculum Outlines

See attached curriculum outline.

3. Justification and Learning Outcomes

This small modification has three purposes:

- A. To update the BA catalog description for more completeness of information and to meet a direct concern of our accrediting body NASM to make department information "...clear, accurate and readily accessible."
- B. To replace MU 1162 Music History 1, MU 2322 Music History 2 and MU 2323 Music History 3 with MU 2012 World Music, MU 3013 Survey of Western Music 1 and MU 3023 Survey of Western Music II. The Department of Music BME was updated in 2015, at which time the music history sequence was updated to include three new courses. The previous courses no longer exist in the curriculum.
- C. Reduce Music electives by one hour (from 5 hours to 4 hours) to accommodate the 8-hour music history sequence (the previous was 7 hours).

The learning outcomes for the Bachelor of Arts on Music come from the National Association of Schools of Music guidelines and are divided into three areas: general education, musicianship and performance/electives. (NASM Handbook, pages 94-95).

General Education

The student will demonstrate:

- the ability to think, speak, and write clearly and effectively, and to communicate with precision, cogency, and rhetorical force.
- an informed acquaintance with the mathematical and experimental methods of the physical and biological sciences; with the main forms of analysis and the historical and quantitative techniques needed for investigating the workings and developments of modern society.
- an ability to address culture and history from a variety of perspectives.
- understanding of, and experience in thinking about, moral and ethical problems.
- the ability to respect, understand, and evaluate work in a variety of disciplines.
- the capacity to explain and defend views effectively and rationally.
- understanding of and experience in one or more art forms other than music.

Musicianship

The student will demonstrate:

- the ability to hear, identify, and work conceptually with the elements of music such as rhythm, melody, harmony, structure, timbre, texture.
- an understanding of and the ability to read and realize musical notation.
- an understanding of compositional processes, aesthetic properties of style, and the ways these shape and are shaped by artistic and cultural forces.

- an acquaintance with a wide selection of musical literature, the principal eras, genres, and cultural sources.
- the ability to develop and defend musical judgments.

Performance and Music Electives

The student will demonstrate:

- ability in performing areas at levels consistent with the goals and objectives of the specific liberal arts degree program being followed.
- understanding of procedures for realizing a variety of musical styles.
- knowledge and/or skills in one or more areas of music beyond basic musicianship appropriate to the individual's needs and interests, and consistent with the purposes of the specific liberal arts degree program being followed.

Specific questions required by UCCC:

A. Will this program change meet local, state, regional and national educational and cultural needs? If so, how.

The requested changes do not affect the original foundations of the BA degree. However:

The catalog description change requested is to meet specific requirements of our accrediting body (NASM) as expressed in their Visitor's Report, specifically: "It is not clear how the institution meets the NASM standard: Published materials concerning the institution and the music unit shall be clear, accurate and readily available." Updating the catalog information for the BA is one step in responding to this concern.

The change of Fine Arts course for the BA is necessary as the older course is no longer taught in the Department of Music.

B. Will this program change result in duplication in the Mississippi Higher Education system?

The proposed changes do not result in added duplication.

C. Will this program change advance student diversity within the discipline? IF so, please describe.

This program change will not affect student diversity in the discipline.

D. Will this program change result in an increase in the potential placement of graduates in MS, the Southeast and the U.S.? If so, please describe.

No.

E. Will this program change result in an increase in the potential salaries of graduates in MS, the Southeast and in the U.S.?

No.

5. Proposed 4-letter abbreviations

The 4-letter abbreviations are not affect in this requested change.

6. Effective Date

Spring 2018 or as soon as approved.

Mississippi State University
Department of Music
Bachelor of Arts in Music Program Modification: Spring 2018

Current and Proposed BA Program

- **Courses in bold** are to added to the degree program/concentration
- *Courses in italics* are to be removed from the degree program/concentration.

Goals:

- Update the BA catalog description
- Update the Music History sequence to reflect new courses in the Department of Music
- Update the number of Music elective hours

CURRENT Degree Description	PROPOSED Degree Description
Degree: Bachelor of Arts Major: Music Concentration: none	Degree: Bachelor of Arts Major: Music Concentration: none
<p><i>Major Advisors: Dr. Barry E. Kopetz or Dr. Jackie Edwards-Henry</i> <i>Office: Music Building A</i></p> <p><i>The Department of Music offers a Bachelor of Arts in Music degree in a liberal arts tradition of music study. This degree is designed to provide foundation coursework to apply to a variety of interdisciplinary careers including music, in preparation for graduate study or for self-improvement.</i></p> <p><i>The department also offers a minor in Music. The minor includes 18 or 19 hours of music history and theory courses, piano, applied study, and participation in ensembles and recitals. All coursework for the minor in Music must be completed at the MSU Starkville campus. Students are required to earn a "C" or better in all required (non-elective) Applied Music (MUA), Music (MU), and Music Education (MUE) courses. Consult the major advisor for specific course requirements.</i></p>	<p>Department Head: Barry E. Kopetz Department Office: Music Building A, Telephone: (662) 325-3070 Fax: (662) 325-0250 http://music.msstate.edu/</p> <p>Mailing Address: Department of Music PO Box 6240 Mississippi State, MS 39762</p> <p>University Bands Ms. Elva Kaye Lance, Director of Bands Telephone: 662-325-2713 http://msuband.msstate.edu</p> <p>University Choirs Dr. Gary Packwood, Director of Choral Activities Telephone: 662-325-7801 http://www.statesings.com/</p>

Mission

The mission of the Department of Music at Mississippi State University is to contribute to the culture and education of our diverse state and region by providing quality training and opportunities through programs of teaching, research, and service. The department:

- Offers excellent instruction to its students, helping to produce future generations of music professionals and patrons.
- Engages in meaningful research, performance, and other creative work, positively affecting students, colleagues, and audiences throughout our community and beyond.

The Mission of the Department of Music at Mississippi State University is two-fold. The department's first obligation is to provide music instruction and specialized pedagogical training for state-certified elementary and secondary school music teachers. This program of instruction is intended to prepare students for exemplary entry-level teaching performance and for admission to selective graduate schools. To this end, the Department of Music provides:

- Curricula and advisement that encourage students to acquire a broad, liberal education.
- A comprehensive undergraduate education in the art of music.
- A background in existing music curricula, curriculum design principles, materials, and methodologies.
- Preparation in general education, theory, history, and methodology.

Bachelor of Arts in Music

The Department of Music offers a Bachelor of Arts in Music degree in a liberal arts tradition of music study. This degree is designed to provide foundation coursework to apply to a variety of interdisciplinary careers including music, in preparation for graduate study or for self-improvement.

Auditions

All potential music majors and minors are required to audition for appropriate faculty in order to determine their preparedness to enter the program, participate in any ensemble, and determine eligibility for a scholarship or service award.

Although alternate dates are available, the preferred audition date for music majors and minors in all areas is the third Saturday in February. Other audition dates are available by contacting the applied faculty of your area of concentration, the department office (662) 325-3070, or the major ensembles offices.

Transfer Information

After successful admission to the University, and in addition to the music major audition, transfer students are required to complete a music theory and aural skills entrance exam to determine preparedness for upper division study. For more information see the Department of Music website or call 662-325-3070.

	Music Minor Mississippi State University offers MSU students the opportunity to complete a minor in music. The Music Minor is a comprehensive set of courses designed to increase student musicianship and knowledge. Students must audition and be accepted as a music minor before it can be declared. Acceptance in any given studio area is on a space available basis. The requirements for the music minor can not be completed after graduating from MSU. For information and required courses, visit the Department of Music website: http://www.music.msstate.edu/academics/minorinmusic/		
CURRENT CURRICULUM OUTLINE	PROPOSED CURRICULUM OUTLINE		
English Composition			
EN 1103 English Composition I Or EN 1163 Accelerated Composition I	3	EN 1103 English Composition I Or EN 1163 Accelerated Composition I	3
EN 1113 English Composition II Or EN 1173 Accelerated Composition II	3	EN 1113 English Composition II Or EN 1173 Accelerated Composition II	3
Foreign Languages			
3 semesters - Foreign Language - see advisor	9	3 semesters - Foreign Language - see advisor	9
Humanities			
Literature Elective - see A&S requirements	3	Literature Elective - see A&S requirements	3
History Elective - see A&S requirements	3	History Elective - see A&S requirements	3
Philosophy Elective - see A&S requirements	3	Philosophy Elective - see A&S requirements	3
Must be from two areas - EN, HI, PHI or REL	6	Must be from two areas - EN, HI, PHI or REL	6

Met in Major Core	3	Met in Major Core	3
Mathematics			
MA 1313 College Algebra	3	MA 1313 College Algebra	3
Math higher than MA 1313	3	Math higher than MA 1313	3
Natural Sciences			
Physical Sciences w/lab (CH, GG, PH) ¹	3-4	Physical Sciences w/lab (CH, GG, PH) ¹	3-4
Biological Sciences w/lab (BIO,EPP, PO) ¹	3-4	Biological Sciences w/lab (BIO,EPP, PO) ¹	3-4
Natural Science Elective ²	3-4	Natural Science Elective ²	3-4
Fine Arts			
<i>MU 2323 Music History III</i>	3	MU 3013 Survey of Western Music History 1	3
Social Science			
See A&S requirements	6	See A&S requirements	6
Must be from 3 area - AN, CO, EC, GR, PS, PSY or SO	9	Must be from 3 area - AN, CO, EC, GR, PS, PSY or SO	9
Met in Major Core	3	Met in Major Core	3
Major Core			
<i>MU 1162 Music History I</i>	2	MU 2012 World Music	2
<i>MU 2322 Music History II</i>	2	MU 3023 Survey of Western Music History 2	3
MU 1213 Music Theory I	3	MU 1213 Music Theory I	3
MU 1321 Ear Training I	1	MU 1321 Ear Training I	1
MU 1413 Music Theory II	3	MU 1413 Music Theory II	3
MU 1521 Ear Training II	1	MU 1521 Ear Training II	1
MU 2613 Music Theory III	3	MU 2613 Music Theory III	3
MU 2721 Ear Training III	1	MU 2721 Ear Training III	1

MU 2813 Music Theory IV	3	MU 2813 Music Theory IV	3
MU 2921 Ear Training IV	1	MU 2921 Ear Training IV	1
MU 3412 Conducting	2	MU 3412 Conducting	2
MU 2111 Piano Class	1	MU 2111 Piano Class	1
MU 2121 Piano Class	1	MU 2121 Piano Class	1
MU 3111 Piano Class	1	MU 3111 Piano Class	1
MU 3121 Piano Class	1	MU 3121 Piano Class	1
Or		Or	
MU 3112 Functional Skills of Piano I	2	MU 3112 Functional Skills of Piano I	2
MU 3122 Functional Skills of Piano II	2	MU 3122 Functional Skills of Piano II	2
Oral Communication Requirement			
CO 1003 Fundamentals of Public Speaking	3	CO 1003 Fundamentals of Public Speaking	3
Computer Literacy Requirement			
Achieved through the Music Theory sequence		Achieved through the Music Theory sequence	
MU 1213 Music Theory I		MU 1213 Music Theory I	
MU 1413 Music Theory II		MU 1413 Music Theory II	
MU 2613 Music Theory III		MU 2613 Music Theory III	
MU 2813 Music Theory IV		MU 2813 Music Theory IV	
Writing Requirement			
EDF 3413 Writing for Thinking (see advisor for other approved courses).	3	EDF 3413 Writing for Thinking (see advisor for other approved courses).	3
Applied Study			
6 semesters of study at 2 hours per semester	4	6 semesters of study at 2 hours per semester	4
2 semesters of 1000-level courses	4	2 semesters of 1000-level courses	4
2 semesters of 2000-level courses	4	2 semesters of 2000-level courses	4
2 semesters of 3000-level courses		2 semesters of 3000-level courses	4
At least 1 semester of 2000-level and 2 semesters of 3000-level work must be completed at MSU.		At least 1 semester of 2000-level and 2 semesters of 3000-level work must be completed at MSU.	

Ensembles			
4 semesters of ensembles must be completed at MSU, two of which must be the designated major ensembles.	4	4 semesters of ensembles must be completed at MSU, two of which must be the designated major ensembles.	4
Other Requirements			
Piano Proficiency Exam	0	Piano Proficiency Exam	0
Upper Division Performance Exam	0	Upper Division Performance Exam	0
<i>MU 1010 Recital Hour (must be enrolled each semester)</i>	0	MU 1010 Recital Hour (must be enrolled 8 semesters)	0
Recital or Project	0	Recital or Project	0
Music Electives			
<i>Music Electives</i>	5	Music Electives	4
Met in College Core	6	Met in College Core	6
Total Hours	122	Total Hours	122

Mississippi State University
Department of Music
Bachelor of Arts in Music Modification: Spring 2017

List of Courses

courses in italics are being removed from the program

courses in bold are being added to the program

MU 1001 First Year Seminar: 1 hour.

One hour lecture. First-year seminars explore a diverse array of topics that provide students with an opportunity to learn about a specific discipline from skilled faculty members

MU 1003 Fundamentals of Music Theory: 3 hours.

Three hours lecture. Development of skills for music reading, writing, listening and analyzing. Topics will include pitch, rhythm, meter, scales and basic harmony

MU 1010 Recital Hour: 1 hour.

Minimum one (1) hour weekly. Performance and critique experiences in applied music. Required for music (BA) and music education (BME) majors. Can be repeated for credit

MU 1103 African American Music: 3 hours.

Three hours lecture. A study of African musical and cultural traditions with focus on the impact of these traditions on the development and advancement of African American Music. (Same as AAS 1103)

MU 1111 Piano Class: 1 hour.

Two hours laboratory. Beginning piano for non-music majors

MU 1113 History and Appreciation of Music: 3 hours.

Three hours lecture. Historical development of music and the composers of the different eras; individual investigation of related special topics; individual and directed listening to music examples

MU 1123 History and Appreciation of American Music: 3 hours.

Three hours lecture. Historical development of music and composers of the United States; individual investigation of related American music special topics; individual and directed listening to musical examples

MU 1131 Voice Class: 1 hour.

Two hours laboratory. Class study of Voice Production

MU 1133 The History of Rock and Roll: 3 hours.

Three-hour lecture. History of the development of Rock and Roll from the early 1950's to the present, including early Rock and Roll, the British invasion, and 21st century current trends; the course examines the symbiotic relationship between music and society

MU 1141 Song Literature: 1 hour.

One hour seminar. Emphasis is placed on the history and compositional characteristics of Western art song in terms of melody, harmony, rhythm, accompaniment, form, and poetry through score study, research presentations, and listening assignments

MU 1151 Vocal Pedagogy: 1 hour.

One hour seminar. Course gives a comprehensive overview of the anatomy/physiology of the human voice, the acoustic properties that govern resonance, and vocal health. It also contains a practicum as students teach voice lessons gaining practical experience

MU 1162 Music History I: 2 hours.

Two hours lecture. An introduction to musical styles and an intensive study of the music and composers of the Medieval and Renaissance periods, emphasizing listening and score-study. (Primarily for Music majors.)

MU 1213 Music Theory I: 3 hours.

Three hours lecture. Fundamental concepts of notation of key signatures, intervals, scales, chords, and clefs. Principles of Common-Practice Period Functional Harmony. Co-requisite: MU 1321 or consent of instructor

MU 1241 Diction I: 1 hour.

One hour seminar. Course acquaints voice student with the International Phonetic Alphabet (IPA) symbols and their application to English and German languages. Correct singing pronunciation of these languages as applied to art song will be the focus of the course

MU 1251 Diction II: 1 hour.

One hour seminar. Course acquaints voice student with the International Phonetic Alphabet (IPA) symbols and their application to Italian and French languages. Correct singing pronunciation of these languages as applied to art song will be the focus of the course

MU 1321 Ear Training I: 1 hour.

Two hours laboratory. Aural identification, singing and dictation of major and minor scales, diatonic melodies, isolated harmonies, simple intervals and rhythms. Co-requisite: MU 1213 or consent of instructor

MU 1413 Music Theory II: 3 hours.

(Prerequisite: C or better in MU 1213). Three hours lecture. Further elements of harmony, including seventh-chords, non-chord tones, chromatic vocabulary. Small forms. Co-requisite: MU 1521 or consent of instructor

MU 1521 Ear Training II: 1 hour.

(Prerequisite: C or better in MU 1321) Two hours laboratory. Aural identification, singing and dictation of diatonic melodies, triads, simple intervals and rhythms. Co-requisite: MU 1413 or consent of instructor

MU 2011 Third Year Woodwind Ensembles: 1 hour.

(Audition Required). One to five rehearsals per week. The study and performance of significant woodwind literature. May be repeated for credit more than once

MU 2012 World Music: 2 hours.

Two hours lecture. A survey of the non-Western musics and music cultures of the world. The course will serve as an introduction to the discipline of ethnomusicology, the study of music in the context of culture

MU 2111 Piano Class: 1 hour.

Two hours laboratory. Beginning piano for instrumental and vocal music majors

MU 2121 Piano Class: 1 hour.

Two hours laboratory. Beginning piano for instrumental and vocal music majors

MU 2322 Music History II: 2 hours.

(Prerequisite: Grade of C or better in MU 1162 or permission of instructor.) Two hours lecture. An intensive study of the music and composers of the Baroque and Classical periods, Monteverdi through Beethoven, emphasizing listening and score-study. (Primarily for Music majors.)

MU 2323 Music History III: 3 hours.

(Prerequisite: Grade of C or better in MU 2322 or permission of instructor.) Three hours lecture. An intensive study of Nineteenth and Twentieth Century Western Art Music and composers and music for non-Western cultures, emphasizing listening, score-study, writing and speaking. (Primarily for Music majors.)

MU 2411 Guitar Ensemble: 1 hour.

(Audition required) One to five rehearsals per week. The study and performance of guitar ensemble literature. May be repeated for credit more than once

MU 2511 Marching Band: 1 hour.

(Audition Required). One to five rehearsals per week. The study and performance of significant marching band literature. May be repeated for credit more than once. (Fall semester only)

MU 2521 Steel Drum Ensemble: 1 hour.

One hour lecture. Exploration of performance techniques, repertoire, and cultural history of Trinidadian steel drums. No audition required. May be repeated for credit

MU 2531 Concert Band: 1 hour.

(Audition required). One to five rehearsals per week. The study and performance of significant concert band literature. May be repeated for credit more than once. (Spring semester only)

MU 2551 Percussion Ensemble: 1 hour.

(Audition required). One to five rehearsals per week. The study and performance of significant percussion literature. May be repeated for credit more than once

MU 2561 Symphonic Band: 1 hour.

(Audition required). One to five rehearsals per week. The study and performance of significant symphonic band literature. May be repeated for credit more than once. (Spring semester only)

MU 2571 Wind Ensemble: 1 hour.

(Audition required). One to five rehearsals per week. Study, rehearsal and performance of select literature from the wind band repertory. May be repeated for credit more than once

MU 2611 Concert Choir: 1 hour.

(Audition required). One to five rehearsals per week. The study and performance of significant choral literature. May be repeated for credit more than once

MU 2613 Music Theory III: 3 hours.

(Prerequisite: C or better in MU 1413). Three hours lecture. Chromatic vocabulary, including augmented sixth chords, Neapolitans and modulation, Late Romantic and early 20th Century innovations such as extended tertian chords and substitution chords. Co-requisite: MU 2721 or consent of instructor

MU 2631 Starkville Community Choir: 1 hour.

(Audition required). One to five rehearsals per week. The study and performance of significant choral literature. May be repeated for credit more than once

MU 2681 Opera Workshop: 1 hour.

One hour lecture. Course acquaints the voice student with the basics of stagecraft, movement, and acting skills. Course provides the student with the opportunity to study, develop, and improve their dramatic skills outside of the voice studio

MU 2721 Ear Training III: 1 hour.

(Prerequisite: C or better in MU 1521) Two hours laboratory. Aural identification, singing and dictation of diatonic melodies with chromatic inflection, seventh chords and rhythms. Co-requisite: MU 2613 or consent of instructor

MU 2731 Chamber Singers: 1 hour.

(Audition required). One to five rehearsals per week. The study and performance of significant choral literature. May be repeated for credit more than once

MU 2813 Music Theory IV: 3 hours.

(Prerequisite: C or higher in MU 2613 and MU 2721, or equivalents; Co-requisite MU 2921 unless already passed with C or better.) Three hours lecture. Advanced harmony and musical structure; mastery developed through readings, exercises, examinations, and creative projects

MU 2851 Brass Ensembles: 1 hour.

(Audition required). One to five rehearsals per week. The study and performance of significant brass literature. May be repeated for credit more than once

MU 2911 Jazz Ensemble: 1 hour.

(Audition required). One to five rehearsals per week. The study and performance of significant jazz ensemble literature. May be repeated for credit more than once

MU 2921 Ear Training IV: 1 hour.

(Prerequisite: C or better in MU 2721; co-requisite: MU 2831 or consent of instructor). Two hours laboratory. Aural identification, singing and dictation of modes, artificial scales, non-triadic chords, modulating melodies, compound intervals

MU 2951 Philharmonia: 1 hour.

(Two hour studio.) Study, rehearsal and performance of orchestral repertory with a focus on literature for chamber orchestra. Can be repeated for credit. Prerequisite: audition or invitation

MU 2990 Special Topics in Music: 1-9 hours.

Credit and title to be arranged. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years)

MU 3013 Survey of Western Music History I: 3 hours.

Three hours lecture. A survey of western music history from Antiquity through the Baroque Period (up to ca. 1750 A.D./C.E.). This course serves as the first in a 2-course music history sequence required for music majors

MU 3023 Survey of Western Music History II: 3 hours.

Three hours lecture. A survey of western music history from Classical Period through the present (from ca. 1750 A.D./C.E.). This is the second in a 2-course music history sequence required for music majors

MU 3111 Piano Class: 1 hour.

(Prerequisite: grade of C or better in MU 2121 or equivalent or permission of instructor). Two hours laboratory. Intermediate piano for instrumental and vocal music majors; continuation of MU 2121

MU 3112 Functional Skills of Piano I: 2 hours.

(Prerequisite: Prior credit or concurrent enrollment in MU 1213-1413). Two hours laboratory. Functional keyboard skills for music majors who read and play intermediate to advanced-level piano repertoire

MU 3121 Piano Class: 1 hour.

Two hours laboratory. Continuation of MU 3111

MU 3122 Functional Skills of Piano II: 2 hours.

(Prerequisite: Prior credit or concurrent enrollment in MU 1213-1413). Two hours laboratory. Functional keyboard skills for music majors who read and play intermediate to advanced-level piano repertoire

MU 3123 Creative Arts for Elementary and Middle Levels: 3 hours.

(Prerequisite: Admission to Teacher Education) Three hours lecture. An exploration of musical and artistic elements utilizing a variety of multicultural music, dance, drama and aesthetic visual. (Same as EDE 3443)

MU 3201 Collaborative Piano Ensemble: 1 hour.

(Prerequisite: late intermediate to early advanced piano skills. Audition required). One to five rehearsals per week. The study and performance of vocal/piano and instrumental piano repertoire. May be repeated for credit more than once

MU 3333 Orchestration: 3 hours.

(Prerequisite: C or higher in MU 2813 and MU 2921, or equivalents, plus fully-passed Music Theory Upper Division Proficiency Examination.) Three hours lecture. Study of instruments and orchestration techniques; mastery through readings, exercises, examinations, presentations, and creative projects

MU 3412 Conducting: 2 hours.

Two hours lecture. The elements of conducting, baton technique, and interpretation

MU 3433 Piano Literature: 3 hours.

Three hours lecture. Repertoire, curriculum building, in a chronological and historical organization for teachers. Includes learning repertoire for teaching beginning, intermediate, and advanced piano. Recommended for all students in the keyboard concentration. Requires music reading and some knowledge of history

MU 3442 Advanced Conducting: 2 hours.

(Prerequisite: MU 3412 or consent of instructor). One hour lecture. Two hours laboratory. Continuation of MU 3412 with emphasis on interpretation of significant instrumental and choral literature

MU 4000 Directed Individual Study in Music: 1-6 hours.

Hours and credits to be arranged

MU 4313 Form and Analysis: 3 hours.

(Prerequisite: C or higher in MU 2813 and MU 2921, or equivalents, plus fully-passed Music Theory Upper Division Proficiency Examination.) Three hours lecture. A survey of forms in music literature, with emphasis on harmonic structure and analytical techniques

MU 4322 Band Arranging: 2 hours.

Two hours lecture. (Prerequisite: Passing scores on both written and aural portions of the Music Theory Upper Division exam.) Study of idiomatic writing for instrumental ensembles, including marching, concert, and jazz bands

MU 4990 Special Topics in Music: 1-9 hours.

Credit and title to be arranged. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years)

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 to UCCC Mail Stop 9702 (281 Garner Hall), Phone: 325-9410.

College: Business

Department: Adkerson School of Accountancy

Contact Person: Brad S. Trinkle

Mail Stop: 9584 **E-mail:** brad.trinkle@msstate.edu

Nature of Change: Modification

Date Initiated: 10/2017 **Effective Date:** 06/2018

Current Degree Program Name: Bachelor in Accountancy (BACC)

Major: Accountancy

Concentration:

New Degree Program Name:

Major:

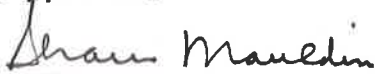
Concentration:

Summary of Proposed Changes:

Two courses from the BACC Accounting Electives are being included as required courses, which increases the require hours by six (6) credit hours. To offset this change, the three (3) hours of accounting electives are being removed and the Free Electives will be reduced from 10 hours to seven (7) hours.

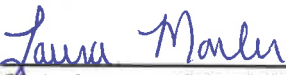
Approved:

Date:



11.21.17

Department Head



11/21/17

Chair, College or School Curriculum Committee



11-21-17

Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council

2. DEGREE MODIFICATION OUTLINE FORM

Use the chart below to make modifications to an existing undergraduate degree outline. If any General Education (Core) course is acceptable in the category, please indicate by saying "any Gen Ed course". There is no need to type in the whole list. All deleted courses and information should be shown in *italics* and all new courses and information in **bold**. Include the course prefix, number, and title in both columns. Expand this table as needed.

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Bachelor in Accountancy (BACC) Major: Accountancy Concentration:		Degree: Bachelor in Accountancy (BACC) Major: Accountancy Concentration:	
"[Click here and type old degree description]"		"[Click here and type new degree description]"	
"[Click here and type old concentration description]"		"[Click here and type new concentration description]"	
CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
English (Ex: EN 1103 English Comp I): EN 1103 English Composition I or EN 1163 Accelerated English Composition I EN 1113 English Composition II or EN 1163 Accelerated English Composition II	6	English (Ex: EN 1103 English Comp I): EN 1103 English Composition I or EN 1163 Accelerated English Composition I EN 1113 English Composition II or EN 1163 Accelerated English Composition II	6
Fine Arts (General Education): See General Education	3	Fine Arts (General Education): See General Education	3
Natural Sciences (2 labs required from Gen Ed): 2 courses with labs from General Education courses	6	Natural Sciences (2 labs required from Gen Ed): 2 courses with labs from General Education courses	6
Extra Science (if appropriate)		Extra Science (if appropriate)	
Math (General Education): MA 1313 College Algebra MA 1613 Calculus for Business and Life Sciences I See major requirements	6	Math (General Education): MA 1313 College Algebra MA 1613 Calculus for Business and Life Sciences I See major requirements	6
Humanities (General Education): See General Education	6	Humanities (General Education): See General Education	6
Social/Behavioral Sciences (Gen Ed): PS 1113 See General Education (Excluding AEC and EC)	6	Social/Behavioral Sciences (Gen Ed): PS 1113 See General Education (Excluding AEC and EC)	6

Major Core Courses		Major Core Courses	
Accounting Major Requirements		Accounting Major Requirements	
Oral Communication Requirement CO 1003 Fundamentals of Public Speaking or CO 1013 Introduction to Communication	3	Oral Communication Requirement CO 1003 Fundamentals of Public Speaking or CO 1013 Introduction to Communication	3
Computer Literacy BIS 1012 Introduction to Business Information Systems	2	Computer Literacy BIS 1012 Introduction to Business Information Systems	2
International Elective	3	International Elective	3
See Adkerson School of Accountancy list		See Adkerson School of Accountancy list	
Pre-Accounting Core		Pre-Accounting Core	
ACC 2013 Principles of Financial Accounting	3	ACC 2013 Principles of Financial Accounting	3
ACC 2023 Principles of Managerial Accounting	3	ACC 2023 Principles of Managerial Accounting	3
BQA 2113 Business Statistics Methods I	3	BQA 2113 Business Statistics Methods I	3
EC 2113 Principles of Macroeconomics	3	EC 2113 Principles of Macroeconomics	3
EC 2123 Principles of Microeconomics	3	EC 2123 Principles of Microeconomics	3
BL 2413 The Legal Environment of Business	3	BL 2413 The Legal Environment of Business	3
Business Ethics		Business Ethics	
PHI 3013 Business Ethics	3	PHI 3013 Business Ethics	3
Writing Communication Course		Writing Communication Course	
Choose one of the following:	3	Choose one of the following:	3
EN 3303 Creative Writing		EN 3303 Creative Writing	
EN 4223 Principles of Legal Writing		EN 4223 Principles of Legal Writing	
CO 2253 Fundamentals of Interpersonal Communication		CO 2253 Fundamentals of Interpersonal Communication	
CO 3213 Small Group Communication		CO 3213 Small Group Communication	
EN 3313 Writing for the Workplace		EN 3313 Writing for the Workplace	
EDF 3413 Writing for Thinking		EDF 3413 Writing for Thinking	
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
Accounting Elective		ACC 4023 Advanced Accounting	
Choose one of the following:	3	ACC 4043 Municipal and Governmental Accounting	3
ACC 4023 Advanced Accounting			
ACC 4043 Municipal and Governmental Accounting			
ACC 4053 International Accounting			
ACC 4063 Income Tax II			
Free Electives (Consult Advisor)	10	Free Electives (Consult Advisor)	7

Concentration Courses		Concentration Courses	
Total Hours	124	Total Hours	124

3. Justification and Student Learning Outcome

The Mississippi Society of Certified Public Accountants (MSCPA) has changed the number of credit hours required to be able to sit for the CPA exam to 120 credit hours. They are also requiring that three (3) of those hours be in Municipal and Governmental Accounting. To prepare our undergraduate students for and make it possible for them to sit for the CPA exam in Mississippi after they have earned 120 credit hours, we are modifying the BACC to require ACC 4043 Municipal and Governmental Accounting and ACC 4023 Advanced Accounting.

4. Support

The change was unanimously approved 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 letters. The school currently has sufficient personnel and infrastructure to make this change.

5. Proposed 4-Letter Abbreviation

The abbreviation for the BACC will not change.

6. Effective Date

June 1, 2018

November 15, 2017

To the University Courses & Curriculum Committee:

The faculty of the Adkerson School of Accountancy support the modification of the Bachelor in Accountancy curriculum.

Noel Addy

Nathan Berglund

Brad Lang

Shawn Mauldin

Lauren Milbach

John Rigsby

Ryan Seay

Alan Stancill

Brad Trinkle

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 to UCCC Mail Stop 9702 (281 Garner Hall), Phone: 325-9410.

College: Business

Department: Adkerson School of Accountancy

Contact Person: Brad S. Trinkle

Mail Stop: 9584 **E-mail:** brad.trinkle@msstate.edu

Nature of Change: Modification

Date Initiated: Fall 2017 **Effective Date:** 06/2018

Current Degree Program Name: Master of Taxation (MTX)

Major:

Concentration:

New Degree Program Name:

Major:

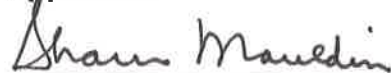
Concentration:

Summary of Proposed Changes:

One required cross-listed course (ACC 6063 Advanced Accounting) is being moved to a requirement in the BACC undergraduate program. One accounting elective (ACC 8043 Fraud Examination) is becoming required. One cross-listed accounting elective (ACC 6043 Municipal and Governmental Accounting) is being moved to a requirement in the BACC undergraduate program. Elective options are being modified.

Approved:

Date:



11.21.17

Department Head



Chair, College or School Curriculum Committee

11/21/17



Dean of College or School

11-21-17

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council

2. GRADUATE DEGREE MODIFICATION OUTLINE FORM

Use the chart below to make modifications to an existing Graduate Degree. All deleted courses and information should be shown in *italics* and all new courses and information in **bold**. Please include the course prefix, number, and title in both columns. Expand rows as needed.

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Master of Taxation		Degree: Master of Taxation	
Major:		Major:	
Concentrations:		Concentrations:	
"[Click here and type old degree description]"		"[Click here and type new degree description]"	
"[Click here and type old concentration description]"		"[Click here and type new concentration description]"	
CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
Major Required Courses		Major Required Courses	
<i>Required Tax Courses:</i>		Required Courses:	
ACC 8063 Research in Tax Practice and Procedures	3	ACC 8063 Research in Tax Practice and Procedures	3
ACC 8073 Taxation of Corporations and Shareholders	3	ACC 8073 Taxation of Corporations and Shareholders	3
ACC 8093 Taxation of Partnerships, S Corporations, Trusts, and Estates	3	ACC 8093 Taxation of Partnerships, S Corporations, Trusts, and Estates	3
ACC 8113 Advanced Individual Taxation and Wealth Management	3	ACC 8113 Advanced Individual Taxation and Wealth Management	3
ACC 8XXX Any Taxation Course	3	ACC 8123 Tax Topics	3
<i>Other Required Courses:</i>		ACC 8013 Seminar in Financial Accounting Theory	3
ACC 8013 Seminar in Financial Accounting Theory	3	ACC 8033 Assurance and Audit Data Analysis	3
ACC 8033 Business Assurance Services	3	ACC 8043 Fraud Examination and Data Analysis	3
Electives:		Electives:	
ACC XXXX or BUS XXXX Graduate-level accounting or business courses	9	Any approved graduate-level accounting or business courses.	6
<i>NOTE: No more than nine hours of coursework in the 30-hour program may be at the 6000 level.</i>		Concentration in Systems	
		In lieu of 6 hours of graduate-level business or accounting courses, a student may elect a concentration in systems by selecting the two courses below:	
		BIS 8213* Advanced Systems Analysis and Design	
		BIS 8313 Advanced Database Design Administration	
		* Programming prerequisites may be required.	
		Graduate Minor in Business Analytics	
		In lieu of 6 hours of graduate-level business or accounting courses, a student may elect a Graduate Minor in Business Analytics by selecting the two courses below:	
		BIS 8413 Data Analytics	
		BQA 6413 Business Forecasting and Predictive Analytics	
Total Hours	30	Total Hours	30

3. Justification and Student Learning Outcome

The Mississippi Society of Certified Public Accountants (MSCPA) has changed the number of credit hours required to be able to sit for the CPA exam to 120 credit hours. They are also requiring that three (3) of those hours be in Municipal and Governmental Accounting. To prepare our undergraduate students for and make it possible for them to sit for the CPA exam in Mississippi after they have earned 120 credit hours, we are modifying the BACC to require ACC 4043 Municipal and Governmental Accounting and ACC 4023 Advanced Accounting. The change to the BACC necessitates that we modify the MTX program accordingly.

Also, the accounting profession is increasing their focus on business/data analytics, subsequently increasing the learning outcome expectations of accounting graduates to include a working knowledge of business/data analytics. Therefore, we are increasing the coverage of business/data analytics in ACC 8033 Assurance and Audit Data Analysis and in ACC Fraud Examination and Data Analysis. We are also emphasizing the existence of the Graduate Minor in Data Analytics to our students.

4. Support

The change was unanimously approved 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 letters. The school currently has sufficient personnel and infrastructure to make this change.

5. Proposed 3-Letter Abbreviation

The abbreviation for the MTX will not change.

6. Effective Date

June 1, 2018

September 6, 2017

To the University Courses & Curriculum Committee:

The faculty of the Adkerson School of Accountancy support the modification of the Master of Taxation curriculum.



Noel Addy

John Rigsby

Nathan Berglund

Ryan Seay

Brad Lang

Alan Stancill

Shawn Mauldin

Brad Trinkle

Lauren Milbach

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 to UCCC Mail Stop 9702 (281 Garner Hall), Phone: 325-9410.

College: Business

Department: Adkerson School of Accountancy

Contact Person: Brad S. Trinkle

Mail Stop: 9584 **E-mail:** brad.trinkle@msstate.edu

Nature of Change: Modification

Date Initiated: Fall 2017 **Effective Date:** 06/2018

Current Degree Program Name: Masters of Professional Accountancy (MPA)

Major:

Concentration:

New Degree Program Name:

Major:

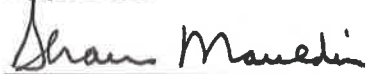
Concentration:

Summary of Proposed Changes:

One required cross-listed course (ACC 6063 Advanced Accounting) is being moved to a requirement in the BACC undergraduate program. One accounting elective (ACC 8043 Fraud Examination) is becoming required. One cross-listed accounting elective (ACC 6043 Municipal and Governmental Accounting) is being moved to a requirement in the BACC undergraduate program. Elective options are being modified.

Approved:

Date:



11.21.17

Department Head



11/21/17

Chair, College or School Curriculum Committee



11-21-17

Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council

2. GRADUATE DEGREE MODIFICATION OUTLINE FORM

Use the chart below to make modifications to an existing Graduate Degree. All deleted courses and information should be shown in *italics* and all new courses and information in **bold**. Please include the course prefix, number, and title in both columns. Expand rows as needed.

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Master of Professional Accountancy Major: Concentrations:		Degree: Master of Professional Accountancy Major: Concentrations:	
"[Click here and type old degree description]"		"[Click here and type new degree description]"	
"[Click here and type old concentration description]"		"[Click here and type new concentration description]"	
CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
Major Required Courses		Major Required Courses	
Required Accounting Courses (15 hours):		Required Accounting Courses (15 hours):	
<i>ACC 6023 Advanced Accounting (if not taken as an undergraduate)</i>	3	ACC 6063 Income Tax II (if not taken as an undergraduate)	3
ACC 6063 Income Tax II (if not taken as an undergraduate)	3	ACC 8013 Seminar in Financial Accounting Theory	3
ACC 8013 Seminar in Financial Accounting Theory	3	ACC 8023 Advanced Managerial Accounting	3
ACC 8023 Advanced Managerial Accounting	3	ACC 8033 Assurance and Audit Data Analysis	3
ACC 8033 Business Assurance Services	3	ACC 8043 Fraud Examination and Data Analysis	3
Accounting Electives (6 hours from the following courses):	6	Accounting Electives (9) hours from the following courses):	9
<i>ACC6043 Municipal and Governmental Accounting (if not taken as an undergraduate)</i>		ACC 8053 Financial Accounting Policy	
<i>ACC 8043 Fraud Examination</i>		ACC 8063 Research in Tax Practice and Procedures	
ACC 8053 Financial Accounting Policy		ACC 8073 Taxation of Corporations and Shareholders	
ACC 8063 Research in Tax Practice and Procedures		ACC 8093 Taxation of Partnerships, S Corporations, Trusts, and Estates	
ACC 8073 Taxation of Corporations and Shareholders		ACC 8113 Advanced Individual Taxation and Wealth Management	
ACC 8093 Taxation of Partnerships, S Corporations, Trusts, and Estates		ACC 8123 Tax Topics	
ACC 8113 Advanced Individual Taxation and Wealth Management		ACC 8183 International Accounting	
ACC 8123 Tax Topics		Any approved graduate-level accounting courses.	
ACC 8183 International Accounting		<i>NOTE: No more than nine hours of coursework in the 30-hour program may be at the 6000 level.</i>	
<i>NOTE: No more than nine hours of coursework in the 30-hour program may be at the 6000 level.</i>		Business Electives:	6
Business Electives:	9	Select six hours of graduate-level business or accounting courses.	
Select nine hours of graduate-level business or accounting courses.		Concentration in Systems	
Concentration in Systems		In lieu of 6 hours of graduate-level business or accounting courses, a student may elect a concentration in systems by selecting the two courses below:	
In lieu of 9 hours of accounting and business electives, a student may elect a concentration in systems by selecting the three courses below:			

ACC 8043 Fraud Examination BIS 8213* Advanced Systems Analysis and Design BIS 8313 Advanced Database Design Administration * Programming prerequisites may be required.		BIS 8213* Advanced Systems Analysis and Design BIS 8313 Advanced Database Design Administration * Programming prerequisites may be required. Graduate Minor in Business Analytics In lieu of 6 hours of graduate-level business or accounting courses, a student may elect a Graduate Minor in Business Analytics by selecting the two courses below: BIS 8413 Data Analytics BQA 6413 Business Forecasting and Predictive Analytics	
Total Hours	30	Total Hours	30

3. Justification and Student Learning Outcome

The Mississippi Society of Certified Public Accountants (MSCPA) has changed the number of credit hours required to be able to sit for the CPA exam to 120 credit hours. They are also requiring that three (3) of those hours be in Municipal and Governmental Accounting. To prepare our undergraduate students for and make it possible for them to sit for the CPA exam in Mississippi after they have earned 120 credit hours, we are modifying the BACC to require ACC 4043 Municipal and Governmental Accounting and ACC 4023 Advanced Accounting. The change to the BACC necessitates that we modify the MPA program accordingly.

Also, the accounting profession is increasing their focus on business/data analytics, subsequently increasing the learning outcome expectations of accounting graduates to include a working knowledge of business/data analytics. Therefore, we are increasing the coverage of business/data analytics in ACC 8033 Assurance and Audit Data Analysis and in ACC Fraud Examination and Data Analysis. We are also emphasizing the existence of the Graduate Minor in Data Analytics to our students.

4. Support

The change was unanimously approved 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 letters. The school currently has sufficient personnel and infrastructure to make this change.

5. Proposed 3-Letter Abbreviation

The abbreviation for the MPA will not change.

6. Effective Date


June 1, 2018

September 6, 2017


To the University Courses & Curriculum Committee:

The faculty of the Adkerson School of Accountancy support the modification of the Master in Professional Accountancy curriculum.


Noel Addy


John Rigsby


Nathan Berglund


Ryan Seay


Brad Lang


Alan Stancill


Shawn Mauldin


Brad Trinkle


Lauren Milbach

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 to UCCC Mail Stop 9702 (281 Garner Hall), Phone: 325-9410.

College: **Engineering**

Department: **Civil and Environmental**

Contact Person: **Seamus Freyne**

Mail Stop: **9546** E-mail: **freyne@cee.msstate.edu**

Nature of Change: **Add Minor**

Date Initiated: **9/6/2017** Effective Date: **Spring 2018**

Current Degree Program Name:

Major:

Concentration:

New Degree Program Name:

Major:


Concentration:

Summary of Proposed Changes:

Civil engineers design, build, and maintain the infrastructure, the very foundation of any civilization. All undergraduate students at Mississippi State University, with the exception of those already majoring in civil engineering, are invited to pursue a minor in civil engineering. Civil engineering is an incredibly broad field, and students have a choice of five specialty tracks to match interests and career objectives. The civil engineering minor requires at least 15 credit hours of undergraduate coursework, typically at the junior and senior levels. The student develops a program of study in consultation with CEE faculty members.

Approved:

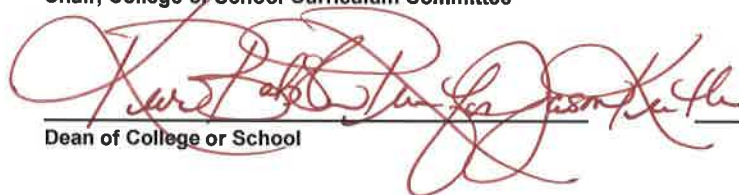
Date:


Department Head

06 September 2017


Chair, College or School Curriculum Committee

Nov. 28, 2017


Dean of College or School

11/30/17

Chair, University Committee on Courses and Curricula

Chair, Graduate Council(if applicable)

Chair, Deans Council

A PROPOSAL TO ESTABLISH A MINOR IN CIVIL ENGINEERING

Department of Civil and Environmental Engineering (CEE)
Bagley College of Engineering

November 10, 2017

Catalog Description

Civil engineers design, build, and maintain the infrastructure, the very foundation of any civilization. All undergraduate students at Mississippi State University, with the exception of those already majoring in civil engineering, are invited to pursue a minor in civil engineering. Civil engineering is an incredibly broad field, and students have a choice of five specialty tracks to match interests and career objectives. The civil engineering minor requires at least 15 credit hours of undergraduate coursework, typically at the junior and senior levels. Students develop a program of study in consultation with CEE faculty members.

The civil engineering minor appeals to students within the Bagley College of Engineering (outside of CEE) and also to students from the College of Architecture, Art, and Design, and specifically those within the School of Architecture and the Building Construction Science Program. There could also be interest from students within the College of Forest Resources, Sustainable Bioproducts Department.

Students claim civil engineering minors at graduation. There is no formal entry or application to the program, although students must be advised by CEE faculty.

A civil engineering minor is a purposeful complement to many majors. The program is intended to promote graduates' employment prospects in national job markets and enhance careers. A civil engineering minor should prepare students to apply fundamental principles of civil engineering. Graduates should have the ability to communicate with professional civil engineers on a highly technical level and even collaborate on projects. Employers increasingly demand this multidisciplinary expertise.

But a civil engineering minor would not allow one to obtain professional licensure to practice civil engineering. To do so, a student would have to earn a second bachelor's degree in civil engineering or a master's degree in civil engineering.

Curriculum Outline

Each of the five specialty tracks has a first "gateway" course, as listed in the table below. The first course in each track is a requirement and is followed by four elective courses in the same general subject area. On the structural engineering track, as an example, once a student has had the gateway course Structural Mechanics (CE 3603), he/she might proceed with Steel Structures I (CE 4963), Concrete Structures I (CE 4973), Prestressed Concrete Structures

(CE 4993), and Matrix Structural Analysis (CE 4913) to complete the minor. Any sequence of courses must be approved by CEE faculty advisors in advance.

Specialty Track	First Course Requirement
Construction Engineering and Management (CM)	Engineering Economy I (IE 3913)
Environmental and Water Resources Engineering (EWR)	Environmental Engineering Issues (CE 2803)
Geotechnical and Materials Engineering (GM)	Soil Mechanics (CE 3413)
Structural Engineering (S)	Structural Mechanics (CE 3603)
Transportation Engineering (T)	Surveying (CE 2213)

Prerequisites of the first courses in each track do not count toward the minimum 15 credit hours. Bagley College of Engineering students are likely to have met many, if not all, of the prerequisites because of the similarity of those degree programs to civil engineering. Students who are not majoring in engineering would have to make a more extensive commitment, and as many as 24 credit hours of prerequisite courses could be necessary before one is prepared to take the gateway course. Prerequisites in the structural engineering track likely include Calculus I (MA 1713), Calculus II (MA 1723), Calculus III (MA 2733), Physics I (PH 2213), Statics (EM 2413), and Mechanics of Materials (EM 3213). The exact sequence of prerequisite courses is at the discretion of CEE faculty advisors.

The next table designates which courses are applicable to each of the five tracks. Most courses are applicable to only one track, but several courses are applicable to two tracks. Some tracks have more options than others. Environmental and Water Resources Engineering (EWR) has the most options, 12, while Geotechnical and Materials Engineering (GM) has the fewest, 4. Some courses are taught more frequently than others, so students should plan ahead with the help of CEE faculty advisors. New options would become available if courses are added to the civil engineering curriculum.

Course	CM	EWR	GM	S	T
Transportation Engineering (CE 3113)					X
Construction Materials (CE 3313)			X		
Water Resources Engineering (CE 3503)		X			
Environmental Engineering (CE 3823)		X			
Pavement Materials and Design (CE 4103)			X		X
Geometric Design of Highways (CE 4133)					X

Course	CM	EWR	GM	S	T
Traffic Engineering (CE 4143)					X
Freight Transportation Systems (CE 4153)					X
Urban Transportation Planning (CE 4163)					X
Water Transportation (CE 4183)		X			X
Foundations (CE 4433)			X	X	
Geosynthetics (CE 4483)			X		
Hydrology (CE 4513)		X			
Open Channel Hydraulics (CE 4523)		X			
Computational Water Resources (CE 4533)		X			
Sedimentation (CE 4563)		X			
Stream Reconnaissance (CE 4583)		X			
Construction Management (CE 4703)	X				
Construction Equipment and Methods (CE 4733)	X				
Mitigation of C2D (CE 4743)	X				
Construction Cost Estimating (CE 4753)	X				
Construction Risk Management (CE 4763)	X				
Environmental Engineering Chemistry (CE 4843)		X			
Water and Wastewater Engineering (CE 4863)		X			
Environmental Systems (CE 4883)		X			
Hazardous Waste Management (CE 4893)		X			
Matrix Structural Analysis (CE 4913)				X	
Structural Dynamics (CE 4923)				X	
Steel Structures I (CE 4963)				X	
Concrete Structures I (CE 4973)				X	
Wood Structures (CE 4983)				X	
Prestressed Concrete Structures (CE 4993)				X	
Total Options	5	12	4	7	7

Accommodations could be made by CEE faculty advisors if students wish to take courses in multiple tracks, although such pursuits could add to the prerequisites.

A civil engineering minor could be a practical and economical alternative to a master's degree in civil engineering, or would prepare students to commence with a master's degree program. But the coursework one takes to earn a civil engineering minor could not be applied toward a master's degree.

Again, students majoring in civil engineering are not eligible to pursue the civil engineering minor.

New courses would not need to be added to accommodate the new civil engineering minor. Faculty and staff workload would only increase very minimally. There are no anticipated impacts on the budget.

Student Learning Outcomes and Assessment

Student learning outcomes and assessment will be unchanged from those already established in CEE courses.

The effectiveness of the civil engineering minor will be evaluated periodically in terms of numbers of students currently in the program and graduates of the program. Students' GPA within the program and overall GPA will also be considerations. Additionally, if possible, information will be collected from interviews and surveys of program graduates and employers.

Support

Letters of support from the CEE course and curriculum committee chairperson and the CEE department head are included with this proposal.

Effective Date

Spring 2018

DATE: 9/6/2016

TO: University Committee on Courses and Curriculum (UCCC)

FROM: Civil and Environmental Engineering (CEE) Department Committee on C&C

SUBJECT: Support for Civil Engineering Minor

The CEE committee has examined the civil engineering minor proposal, with input also provided by CEE faculty, and have unanimously approved the new offering at a department meeting on 8/15/2017.

Seamus Freyne
(Committee Chairperson)






MISSISSIPPI STATE UNIVERSITY™
JAMES WORTH
BAGLEY
COLLEGE OF ENGINEERING

**DEPARTMENT OF CIVIL &
ENVIRONMENTAL ENGINEERING**

Dr. Dennis D. Truax, P.E., BCEE, F.ASCE, F.NSPE
James T. White Endowed Chair, Department Head and Professor
662.325.7187; truax@cee.msstate.edu

Memorandum

To: University Committee on Courses and Curriculum (UCCC)

From: Dr. Dennis D. Truax, P.E., BCEE, F.ASCE, F.NSPE
Department Head, James T. White Endowed Chair, and Professor 

Date: September 6, 2017

Subject: Establishing a Minor in Civil Engineering

I am writing to confirm my support and approval of the proposal to establish a Minor in Civil Engineering within the Department of Civil and Environmental Engineering. We are finding increasing interest by students within the Bagley College of Engineering and from other colleges at Mississippi State to develop a level of expertise in several of the technical areas supported by our Bachelor of Science in Civil Engineering curriculum. These request are coming from student who wish to strengthen their skills and career options related to infrastructure planning, development and operation.

Further, we have an increasing number of non-engineering students wishing to pursue a Master of Science as an option to enhancing their career options and employability. We feel the minor would be an economical alternative to the MSCE, or would allow students to complete the remedial course work required to enter a MSCE program. Hence, establishing a minor gives an increasing number of Mississippi State students an option to enhance their education in a way that will be beneficial and rewarding.

Finally, this opportunity is something that, when discussed at a faculty meeting, was broadly supported and embraced by the faculty in total. Each member of our faculty sees this as a positive option for helping students at this institution while providing opportunities to attract a broader group of graduate students. We hope that you agree, and I will be happy to discuss opportunities and options more fully if the need should arise.