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: CALS **Department: Landscape Architecture**

Contact Person: Tim Schauwecker **Mail Stop: 9725** **E-mail: tjs2@msstate.edu Date**

Nature of Change: Modification **Initiated: March2024** **Effective Date: Fall 2024**

Current Degree Program Name: Landscape Contracting and Management

Major: B.S. **Concentration: none**

New Degree Program Name: Landscape Contracting and Management

Major: B.S. **Concentration: Landscape Business Management Concentration: Ecosystem Management**

Summary of Proposed Changes:

Courses that provide the Ecosystem Management concentration are proposed as an additional option to the major. The Landscape Business Management Concentration courses will remain the same as the current major.

Approved:	Date:
Department Head	3.25.2024
Director of Academic Quality	3/21/24
Will Davis Digitally signed by Will Davis Date: 2024.04.10 14:50:03 -05'00'	
Chair, College or School Curriculum Committee	
Dean of College or School	4/4/24
Chair, University Committee on Courses and Curricula	
Chair, Graduate Council(if applicable)	
Chair, Deans Council	

DEGREE MODIFICATION OUTLINE FORM

Use the chart below to indicate your new 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.

CURRENT Degree Description	PROPOSED Degree Description
Degree: B.S. Major: Landscape Contracting and Management Concentration:	Degree: B.S. Major: Landscape Contracting and Management Concentration: Landscape Business Management, Ecosystem Management
A landscape contractor is a specialty contract professional who provides the expertise, materials and services needed to make a landscape design project become a reality; and/or to provide the management expertise needed to keep the project in prime condition after construction implementation. The Landscape Contracting and Management degree program at Mississippi State University, accredited by the National Association of Landscape Professionals (NALP), requires three internships which involve three semesters of experiential learning and field experience with an approved landscape contracting company or agency; and, under supervision of a qualified supervisor and oversight of Mississippi State University faculty. In addition, two departmental field trips are specific curriculum requirements for this degree. A field trip fee will be assessed to specific courses. Upon successful completion of curriculum requirements, a student receives a Bachelor of Science degree in Landscape Contracting and Management. All students in Landscape Contracting and Management are required to have their own personal computer. Students should check with the department for equipment specifications prior to purchasing. In as much as the published Bulletin of Mississippi State defines a letter grade of "D" as poor, The Department of Landscape Architecture requires that a grade of "C" or better is required to fulfill a major core requirement.* The department reserves the right to retain student work for the purpose of records, exhibition, instruction, industry review, etc. In addition to Mississippi State University policies, all students enrolled in this curriculum shall be required to abide by all approved departmental policies. * As published in the Department of Landscape Architecture policy manual.	A landscape contractor is a specialty contract professional who provides the expertise, materials and services needed to make a landscape design project become a reality; and/or to provide the management expertise needed to keep the project in prime condition after construction implementation. The Landscape Contracting and Management degree program at Mississippi State University, accredited by the National Association of Landscape Professionals (NALP), requires three internships which involve three semesters of experiential learning and field experience with an approved landscape contracting company or agency; and, under supervision of a qualified supervisor and oversight of Mississippi State University faculty. In addition, two departmental field trips are specific curriculum requirements for this degree. A field trip fee will be assessed to specific courses. Upon successful completion of curriculum requirements, a student receives a Bachelor of Science degree in Landscape Contracting and Management. All students in Landscape Contracting and Management are required to have their own personal computer. Students should check with the department for equipment specifications prior to purchasing. In as much as the published Bulletin of Mississippi State defines a letter grade of "D" as poor, The Department of Landscape Architecture requires that a grade of "C" or better is required to fulfill a major core requirement.* The department reserves the right to retain student work for the purpose of records, exhibition, instruction, industry review, etc. In addition to Mississippi State University policies, all students enrolled in this curriculum shall be required to abide by all approved departmental policies. **A Landscape Contracting and Management student can choose from two concentrations: Landscape Business Management or Ecosystem Management.** * As published in the Department of Landscape Architecture policy manual.

CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE:	Required Hours
English Composition EN 1103 English Composition I *or* EN 1104 Expanded English Composition I EN 1113 English Composition II *or* EN 1173 Accelerated Composition II	6	English Composition EN 1103 English Composition I *or* EN 1104 Expanded English Composition I EN 1113 English Composition II *or* EN 1173 Accelerated Composition	6
Fine Arts (General Education): Any Gen Ed course	3	Fine Arts (General Education): Any Gen Ed course	3
Natural Sciences (2 labs required from Gen Ed): *BIO 1023 Plants and Humans w/ lab* *Or* *PSS 1313 Plant Science w/ lab* *and* CH 1043 Survey of Chemistry I PSS 3303 Soils PSS 3301 Soils Lab	10	Natural Sciences (2 labs required from Gen Ed): CH 1043 Survey of Chemistry I PSS 3303 Soils PSS 3301 Soils Lab **See concentration requirements**	7
Extra Science (if appropriate)		Extra Science (if appropriate)	
Math (General Education): *Any Gen Ed Course* MA/ST 2113 Intro to Statistical Inference	6	Math (General Education): MA/ST 2113 Intro to Statistical Inference	3
Humanities (General Education): FLS 1113 Spanish I FLS 1123 Spanish II	6	Humanities (General Education): FLS 1113 Spanish I FLS 1123 Spanish II	6
Social/Behavioral Sciences (Gen Ed): *EC 2113 Principles of Macroeconomics* *EC 2123 Principles of Microeconomics*	6	Social/Behavioral Sciences (Gen Ed): **See concentration requirements**	
Major Core Courses *Computer Literacy Requirement* LA 1223 Use of Computer in Landscape Arch LA 1333 Landscape Systems and Plant Communities LA 1533 Presentation Methods & Media LA 1701 Landscape Professionals Career Paths Seminar PSS 2423 Plant Materials I ACC 2013 Principles of Financial Accounting ACC 2023 Principles of Managerial Accounting EPP 3423 Ornamental & Turfgrass Insects LA 1153 Introduction to Landscape Architecture LA 1711 Landscape Contracting Internship I	87	Major Core Courses LA 1223 Use of Computer in Landscape Arch LA 1333 Landscape Systems and Plant Communities LA 1533 Presentation Methods & Media LA 1701 Landscape Professionals Career Paths Seminar PSS 2423 Plant Materials I ACC 2013 Principles of Financial Accounting ACC 2023 Principles of Managerial Accounting EPP 3423 Ornamental & Turfgrass Insects LA 1153 Introduction to Landscape Architecture LA 1711 Landscape Contracting Internship I	72

LA 3653 Planting Design Fundamentals in Landscape Architecture LA 2544 Landscape Architecture Construction I: Materials LA 2644 Landscape Architecture Construction II: Grading LA 2711 Landscape Contracting Internship II LA 3701 Landscape Contracting Seminar II LA 3711 Landscape Contracting Internship III LA 3721 Landscape Contracting Field Trip I LA 4344 Landscape Architecture Construction IV LA 4701 Landscape Contracting Seminar III LA 4721 Landscape Contracting Field Trip II LA 4724 Landscape Contracting II LA 4753 Sustainable Landscape Management *MGT 3323 Entrepreneurship* *Or* *MGT 3113 Principles of Management* *MGT 3513 Intro Human Resource Management* *MKT 3013 Principles of Marketing* PSS 3133 Introduction to Weed Science PSS 3473 Plant Materials II PSS 4353 Arboriculture PSS 2113 Introduction to Turfgrass Science *BL 3223 Law of Commercial Transactions* *Or* *BL 2413 Legal Environment of Business* Elective *3 hours* Oral Communication Requirement CO 1003 Fundamentals of Public Speaking or CO 1013 Introduction to Communication Writing Requirement LA 4723 Professional Practice in Landscape Architecture		LA 3653 Planting Design Fundamentals in Landscape Architecture LA 2544 Landscape Architecture Construction I: Materials LA 2644 Landscape Architecture Construction II: Grading LA 2711 Landscape Contracting Internship II LA 3701 Landscape Contracting Seminar II LA 3711 Landscape Contracting Internship III LA 3721 Landscape Contracting Field Trip I LA 4344 Landscape Architecture Construction IV LA 4701 Landscape Contracting Seminar III LA 4721 Landscape Contracting Field Trip II LA 4724 Landscape Contracting II LA 4753 Sustainable Landscape Management PSS 3133 Introduction to Weed Science PSS 3473 Plant Materials II PSS 4353 Arboriculture PSS 2113 Introduction to Turfgrass Science Oral Communication Requirement CO 1003 Fundamentals of Public Speaking or CO 1013 Introduction to Communication Writing Requirement LA 4723 Professional Practice in Landscape Architecture	
Concentration Courses		Concentration Courses **All majors will have 97 credit hours in addition to a choice of concentration.** **Choose one of the following concentrations:** **Landscape Business Management (LBM)** **Science requirement (Natural Sciences Gen Ed):** **BIO 1023 Plants and Humans w/ lab** **Or** **PSS 1313 Plant Science w/ lab** **Social/Behavioral Sciences (Gen Ed):** **EC 2113 Principles of Macroeconomics**	27

		EC 2123 Principles of Microeconomic **Or** **AEC 2173 Introduction to Food and Resources Economics** **MGT 3323 Entrepreneurship** **Or** **MGT 3113 Principles of Management** **MGT 3513 Intro Human Resource Management** **MKT 3013 Principles of Marketing** **BL 3223 Law of Commercial Transactions** **Or** **BL 2413 Legal Environment of Business** **Free Elective** **6 hours** **Ecosystem Management (EM)** **Science requirement (Natural Sciences Gen Ed):** **BIO 1134 Biology I** **Social/Behavioral Sciences (Gen Ed):** **SO 1003 Introduction to Sociology** **EC 2123 Principles of Microeconomics** **Or** **AEC 2173 Introduction to Food and Resource Economics** **ENS 2103 Introduction to Environmental Science** **ENS 2101 Introduction to Environmental Science lab** **AN/SO 4713 Environment and Society** **AEC 3233 Intro to Environmental Economics and Policy** **BIO 3104 Ecology** **Free Elective** **3 hours**	
Total Hours	124	Total Hours	124

JUSTIFICATION AND STUDENT LEARNING OUTCOMES

1. The new concentrations reflect paths for students that lead to knowledge in either Business or Environmental Science. Students can still pursue a minor in the alternative concentration from the one that they choose.
2. The addition of the Ecosystem Management concentration reflects a move within the discipline towards management of sustainable practices and habitat restoration projects.
3. The Ecosystem Management concentration focuses on learning outcomes in Ecology (BIO 1134 and BIO 3104) that will position the student to succeed in careers that require knowledge of community dynamics, description, and management.
4. The Ecosystem Management concentration focuses on learning outcomes in Environment and Society (SO 1003, ENS 2103, AEC 2173, AEC 3233, and AN/SO 4713) that will position the student to communicate the importance of environmental

stewardship to employers and clients.

1. Will this program change meet local, state, regional, and national educational and cultural needs?
   Local, state, regional and national educational and cultural needs will continue to be met by this program change.

2. Will this program change result in duplication in the System? If so, please describe.
   No change, there will not be duplication in the System.

3. Will this program change/advance student diversity within the discipline? If so, please describe.
   No change.

4. 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.

   This change will increase the ability of EM concentration students to work with habitat restoration firms, which are growing in our region and need qualified managers. We intend for this concentration to increase the number of students in the major by attracting students interested in careers in this segment of the job market. We intend to actively recruit to the new concentration as we have for the existing major/concentration.

5. Will this program change result in an increase in the potential salaries of graduates in MS, the Southeast, and the U.S.? If so, please describe.
   This program change will potentially increase the salaries of graduates by making them more qualified to take advantage of a segment of the market that is growing regionally and nationally.

SUPPORT
See attached letters of support

PROPOSED 4-LETTER ABBREVIATION
No Change

EFFECTIVE DATE
Fall 2024

MISSISSIPPI STATE UNIVERSITY

Department of Landscape Architecture
College of Agriculture and Life Sciences
Mississippi State University

Campus Correspondence

February 23, 2024

To: To Whom It May Concern

From: MSU Department of Landscape Architecture Curriculum Committee

Re: Letter of Support for the Proposed Degree Modification – B.S. , Landscape Contracting & Management Concentration

The MSU LA Curriculum Committee has approved the proposed degree modification, which introduces two concentrations for the B.S. degree in Landscape Contracting and Management.

Following a thorough review and extensive discussions, the faculty convened to consider the proposed modifications. A motion to approve the suggested changes was met with unanimous support (9 – 0), and no objections were raised. While two faculty members were unable to attend the meeting, the overall consensus strongly favored the proposed modifications.

As a result, both the faculty and the Curricula Committee are in full support of the proposed modification. The Department of Landscape Architecture is committed to the success of this proposal and remains available to address any inquiries you may have in relation to the proposal.

Please feel free to reach out to us if you have any questions or inquire further clarification regarding this request. Thank you for your attention to this matter.

Dr. Chuo Li
Associate Professor
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Mississippi State University
Cl1004@msstate.edu

C. Taze Fulford III
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MISSISSIPPI STATE UNIVERSITY.

Department of Agricultural and Biological Engineering
P. O. Box 9632, Mississippi State, MS 39762
Phone: 662.325.3282; Website: abe.msstate.edu

January 5, 2024

Dr. Timothy Schauwecker
Coordinator, Landscape Contracting and Management Program
Department of Landscape Architecture
Mississippi State University

Dear Dr. Schauwecker,

Key faculty members of the Department of Agricultural and Biological Engineering – specifically the course instructor for ABE 4263, the coordinators of our three degree programs, and I as department head – have reviewed the proposed curriculum changes that you are submitting for the Bachelor of Science in Landscape Contracting and Management, Ecosystem Management concentration. We support the changes. If you have any questions, please feel free to contact me.

Sincerely,

J. Alex Thomasson

J. Alex Thomasson, Ph.D., P.E.
Professor, Department Head, and William B. and Sherry Berry Endowed Chair

MISSISSIPPI STATE UNIVERSITY

Department of Agricultural Economics
P.O. Box 5187
Lloyd-Ricks-Watson Building
Mississippi State, MS 39762
P. 662.325.2750
F. 662.325.8777

http://www.agecon.msstate.edu

April 5, 2024

TO: University Course & Curriculum Committee (UCCC)

FROM: Department of Agricultural Economics

RE: Proposed Ecosystem Management Concentration, Dept of LAC

The Department of Agricultural Economics Curriculum Committee supports the inclusion of AEC 3233 *Intro to Environmental Economics and Policy* and AEC 2713 *Introduction to Food and Resource Economics* in the new Ecosystem Management concentration proposed by the Department of Landscape Architecture.

Sincerely

John Fox Digitally signed by John Fox Date: 2024.04.05 09:35:01 -05'00'

John A. (Sean) Fox
Professor and Head

Kalyn T. Coatney Digitally signed by Kalyn T. Coatney DN: cn=Kalyn T. Coatney, o=Mississippi State University, ou=Agricultural Economics, email=k.coatney@msstate.edu, c=US Date: 2024.04.05 09:41:34 -05'00'

Kalyn Coatney
Professor, Chair AEC Curriculum Committee

MISSISSIPPI STATE UNIVERSITY™

College of Arts and Sciences
Department of Anthropology and Middle Eastern Cultures

P.O. Box AR
340 Lee Blvd, Rm 204 Cobb
Mississippi State, MS 39762

P. 662.325.1781

www.amec.msstate.edu

Date: November 15, 2023

Dr. Timothy Schauwecker
Coordinator, Landscape Contracting and Management Program
Department of Landscape Architecture
Mississippi State University

Dear Dr. Schauwecker,

I, along with the chair of the AMEC Committee, have reviewed your department's proposed changes to the Bachelor of Science in Landscape Contracting and Management Program. AMEC is supportive of the proposed addition of AN 4713 (Environment and Society) to the degree program and recognize that this could increase enrollments in that course when offered. If you have any questions, please feel free to contact me.

Sincerely,

Dr. James Hardin,
Interim Department Head, Professor

MISSISSIPPI STATE UNIVERSITY.

COLLEGE OF AGRICULTURE & LIFE SCIENCES
MS AGRICULTURAL & FORESTRY EXPERIMENT STATION
Office of the Dean and Director
Box 9760
Mississippi State, MS 39762

January 3, 2024

Dr. Timothy Schauwecker
Coordinator, Landscape Contracting and Management Program
Department of Landscape Architecture
Mississippi State University

Dear Dr. Schauwecker,

I have reviewed your department's proposed changes to the Bachelor of Science in Landscape Contracting and Management program. In particular, the proposed addition of the Ecosystem Management concentration would require students to complete ENS 2103 and ENS 2101. As these courses are managed by the CALS Dean's Office, I am pleased to inform you that we are supportive of the inclusion of the courses in your proposal. If you have any questions or need anything further, please do not hesitate to contact me.

Sincerely,

Darrell L. Sparks, Jr., Ph.D.
Associate Dean & Professor
College Agriculture and Life Sciences
Mississippi State University
Box 9760
Mississippi State, MS 39762
darrell.sparks@msstate.edu
Office: 662-325-5307

MISSISSIPPI STATE UNIVERSITY™

COLLEGE OF ARTS & SCIENCES
DEPARTMENT OF BIOLOGICAL SCIENCES

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Dr. Timothy Schauwecker
Coordinator, Landscape Contracting and Management Program
Department of Landscape Architecture
Mississippi State University

March 7, 2024

Dear Dr. Schauwecker,

Thank you for requesting input on your proposed changes to the BS program in Landscape Contracting and Management. I have reviewed the proposal and fully endorse the utilization of our courses including BIO 3104 *Ecology* in this project. This course is a requirement for BIO majors and is thus offered every semester with sufficient seats to include any increases in student enrollment with your new concentration. I'm happy to support this endeavor to provide novel pathways for students interested in this important area.

Sincerely,

Angus L. Dawe
Professor & Department Head
Biological Sciences

dawe@biology.msstate.edu *662.325.7577* *217 Harned Hall*