

## New Program Proposal

Date Submitted: 09/11/19 6:28 pm

### Viewing: **SCMTMS : Supply Chain Management, Master of Science**

Last edit: 10/18/19 9:52 am

Changes proposed by: kboston

Submitter: User ID: kboston Phone:  
5-4622

Program Status Active

Academic Level Graduate

Type of proposal Major/Field of Study

Select a reason for this new program Adding New Degree--(LOI 1, Proposal-1)

Are you adding a concentration?  
No

Are you adding or modifying a track?  
No

Are you adding or modifying a focused study?  
No

Effective Catalog Year Fall 2020

College/School Code  
Walton College of Business (WCOB)

Department Code  
Department of Supply Chain Management (SCMT)

Program Code SCMTMS

Degree Master of Science

CIP Code

#### In Workflow

1. WCOB Dean Initial
2. GRAD Dean Initial
3. Provost Initial
4. Director of Program Assessment and Review
5. Registrar Initial
6. Institutional Research
7. SCMT Chair
8. WCOB Curriculum Committee
9. WCOB Faculty
10. WCOB Dean
11. Global Campus
12. Dean of University Libraries
13. Provost Review
14. University Course and Program Committee
15. Graduate Committee
16. Faculty Senate
17. Provost Final
18. Provost's Office-- Documentation sent to System Office
19. Higher Learning Commission
20. Board of Trustees
21. ADHE Initial
22. ADHE Final
23. Provost's Office-- Notification of Approval

24. Registrar Final
25. Catalog Editor Final

### Approval Path

1. 08/29/19 11:58 am  
Karen Boston  
(kboston):  
Approved for WCOB  
Dean Initial
2. 08/29/19 2:41 pm  
Pat Koski (pkoski):  
Approved for GRAD  
Dean Initial
3. 09/05/19 9:45 am  
Terry Martin  
(tmartin): Approved  
for Provost Initial
4. 09/06/19 3:50 pm  
Alice Griffin  
(agriffin): Rollback  
to Initiator
5. 09/11/19 6:29 pm  
Karen Boston  
(kboston):  
Approved for WCOB  
Dean Initial
6. 09/12/19 5:58 am  
Pat Koski (pkoski):  
Approved for GRAD  
Dean Initial
7. 09/12/19 8:54 am  
Terry Martin  
(tmartin): Approved  
for Provost Initial
8. 09/17/19 3:21 pm  
Alice Griffin  
(agriffin): Approved  
for Director of  
Program

- Assessment and Review
9. 09/18/19 8:51 am  
Lisa Kulczak  
(lkulcza): Rollback to Director of Program Assessment and Review for Registrar Initial
  10. 09/18/19 11:27 am  
Alice Griffin  
(agriffin): Approved for Director of Program Assessment and Review
  11. 09/18/19 6:10 pm  
Lisa Kulczak  
(lkulcza): Approved for Registrar Initial
  12. 10/04/19 4:18 pm  
Gary Gunderman  
(ggunderm): Approved for Institutional Research
  13. 10/05/19 1:52 pm  
Brian Fugate  
(bsfugate): Approved for SCMT Chair
  14. 10/09/19 4:07 pm  
Karen Boston  
(kboston): Approved for WCOB Curriculum Committee
  15. 10/09/19 4:08 pm  
Karen Boston  
(kboston):

- Approved for WCOB Faculty
16. 10/09/19 4:08 pm  
Karen Boston (kboston):  
Approved for WCOB Dean
17. 10/09/19 4:21 pm  
Suzanne Kenner (skenner): Approved for Global Campus
18. 10/09/19 4:48 pm  
Dennis Clark (dennisc): Approved for Dean of University Libraries
19. 10/10/19 2:38 pm  
Terry Martin (tmartin): Approved for Provost Review
20. 10/25/19 4:58 pm  
Alice Griffin (agriffin): Approved for University Course and Program Committee
21. 11/21/19 3:45 pm  
Pat Koski (pkoski): Approved for Graduate Committee

52.1301 - Management Science.

Program Title

Supply Chain Management, Master of Science

Program Delivery

Method

On Campus

Online/Web-based

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

No

What are the total hours needed to complete the program? 30

## On-line/Web-based Information

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Reason for offering  
Web-based Program

To provide the opportunity for students to complete the degree in an online format.

Maximum Class Size for Web-based Courses 25

Course delivery mode

Method(s)
Online

Class interaction mode

Method(s):
E-mail
Electronic Bulletin Boards
Chat

Percent Online

100% with No Required Campus Component

Provide a List of Services Supplied by Consortia Partners or Outsourced Organization

N/A

Estimate Costs of the Program over the First 3 Years N/A

List Courses Taught by Adjunct Faculty

Upload Memorandum of Understanding Forms (if required)

## Program Requirements and Description

### Requirements

#### Master of Science in Supply Chain Management

The Sam M. Walton College of Business Master of Supply Chain Management is designed is for early-career supply chain professionals who want to return to school to receive advanced, specialized training in supply chain management. The degree is grounded in an understanding of the increasing complexity and breadth of the supply chain discipline, and within this context students will apply statistics, statistical modeling, forecasting techniques, operations research techniques, optimization, mathematical techniques, stochastic approaches, operations analysis, and the design and testing of evaluation models. Effective supply chain management also necessitates cross-functional expertise. Thus, students will choose to specialize in focus tracks to complement their supply chain courses, such as Business Analytics, Enterprise Resource Planning, Retail Supply Chain Management, and Blockchain Enterprise Systems.

**Admission Requirements:** The Master of Science in Supply Chain Management (SCMTMS) program is open to students who have earned a bachelor's degree from an accredited institution and who can present evidence of their ability to do graduate work. "Evidence of ability" means superior grade-point average, an acceptable test score on the Graduate Management Admissions Test (GMAT) or Graduate Record Exam (GRE), and recommendations with respect to ability for successful pursuit of graduate-level work. International applicants and residents aliens must submit an acceptable TOEFL or IELTS score, or complete the Intensive English Language Program (Spring International Language Center) and receive an English proficiency recommendation for admission. Other admissions criteria can be considered on a case by case basis.

**Additional Degree Requirements:** In addition to 30 hours of required coursework, students must take a comprehensive exam. The comprehensive exam will take the form of the final project in [SCMT 5623](#). An individual's grade of B or above in the project will be considered a pass on the comprehensive exam.

#### Supply Chain Management Core Courses

<a href="#">SCMT 5623</a>	Supply Chain Innovation and Technology
<a href="#">SCMT 5633</a>	Introduction to Supply Chain Management
<a href="#">SCMT 5663</a>	Retail and CPG Supply Chain Management

SCMT 5683 Supply Chain Management in Global Business

SCMT 5693 Predictive Supply Chain Analytics

ISYS 5363 Business Analytics

Choose one of the following:

ISYS 5103 Data Analytics Fundamentals

ISYS 5213 ERP Fundamentals

\* ISYS 5213 or ISYS 5103 that is taken for the Supply Chain Management core will not count towards the nine hours required for the following concentrations: Business Analytics, Enterprise Resource Planning, or Blockchain Enterprise Systems.

Choose 9 hours from one of the six concentrations

9

Total Hours

30

Upon admission, the student must maintain a 3.00 grade-point average on all graduate coursework and all Supply Chain Management coursework. Additionally, the student must receive a letter grade of at least a "B" in 75 percent of the courses attempted.

Electives are chosen by the student in consultation with the SCMTMS Program Director. Approved electives (6 hours) may be any graduate course approved by the SCMTMS Program Director.

**(Part Time Program):** The Walton College also provides an opportunity for professionals in the workplace to complete the program by taking 6 hours per semester in a five semester program format. Students must obtain approval from the SCMTMS Program Director to enroll in more than six hours per semester.

#### Program Costs

The program will be initially funded using Walton College operational funds and, eventually, program revenues as they are generated. Start-up marketing and recruiting costs will initially be supported by the College. Administrative responsibilities will be handled by the Supply Chain Management Department Masters Program Coordinator. Existing resources on campus will be used. Existing faculty in Supply Chain Management and Information Systems will teach the courses. All courses are already offered on a regular basis. Marketing and recruiting costs for the program will be supported by the College.

#### Library Resources

N/A

#### Instructional

#### Facilities

N/A

#### Faculty Resources

Existing faculty in Supply Chain Management and Information Systems will teach the courses.

#### List Existing Certificate or Degree Programs

that Support the Proposed Program

Program(s)
BADMMB - Business Administration, Master of Business Administration

Are Similar Programs available in the area?

No

Estimated Student Demand for Program 15

Scheduled Program Review Date 2021-2022

Program Goals and Objectives

**Program Goals and Objectives**

The Sam M. Walton College of Business Master of Supply Chain Management is designed is for early-career supply chain professionals who want to return to school to receive advanced, specialized training in supply chain management. The degree is grounded in an understanding of the increasing complexity and breadth of the supply chain discipline, and within this context students will apply statistics, statistical modeling, forecasting techniques, operations research techniques, optimization, mathematical techniques, stochastic approaches, operations analysis, and the design and testing of evaluation models. Effective supply chain management also necessitates cross-functional expertise. Thus, students will choose to specialize in focus tracks to complement their supply chain courses, such as Business Analytics, Enterprise Resource Planning, Retail Supply Chain Management, and Blockchain Enterprise Systems.

Learning Outcomes

**Learning Outcomes**

Students will obtain an advanced specialized understanding of supply chain in innovation, sustainability, and marketing understanding along with a broad business perspective. They will also be able to adequately assess difficult challenges, integrate solutions, and manage long term change.

Description and Justification for this request

Description of request	Justification for request
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Description of request	Justification for request
<p>A new, 30 hour Master of Science in Supply Chain Management with concentrations in Business Analytics, Enterprise Resource Planning, Blockchain Enterprise Systems, Finance, Retail, and Strategy and Human Resources utilizing existing courses within other Walton programs.</p>	<p>Industry wide needs are changing and becoming more complex, especially in Arkansas. Employers have voiced a concern in the scarcity of eligible managers with a supply chain education, especially beyond a bachelor's degree. Due to increased demands from customers, supplier, and shippers, employers need professionals with an advanced specialized understanding of supply chain. They need supply chain experts in innovation, sustainability, and market understanding, who have a broad business perspective. Employees who can adequately assess the most difficult challenges, then integrate solutions and manage long term change. The growing economy in Arkansas is in need of managers and leaders trained in the full skill set of supply chain; functional, technical, and social. Supply chain education must grow and adapt to meet the new and increasing needs of the industry.</p>

#### Upload attachments

[SCMTMS - New Degree - Letter of Intent.docx](#)

[SCMTMS - New Degree - Supporting Documentation.pdf](#)

[4r\\_scmtms\\_newdegree\\_proposal-1\\_10252019.docx](#)

#### Reviewer Comments

**Alice Griffin (agriffin) (09/06/19 3:50 pm):** Rollback: Please submit individual CIM blocks for each concentration and adjust the program requirements to reflect only the general requirements with the 18 hours dedicated to concentrations. See email message from 9/6/2019.

**Alice Griffin (agriffin) (09/16/19 2:39 pm):** Replaced the term "tracks" with "concentrations" throughout documentation.

**Alice Griffin (agriffin) (09/17/19 3:20 pm):** Revised Proposal documentation with support from submitter. Renamed documents to match BOT naming convention and merged supporting documents. Changed the use of the term "tracks" to "concentration" with permission from submitter.

**Lisa Kulczak (lkulcza) (09/18/19 8:51 am):** Rollback: Per request from Alice

**Alice Griffin (agriffin) (09/18/19 11:26 am):** Added course evaluation to program proposal

documents.

**Gary Gunderman (ggunderm) (10/04/19 4:18 pm):** Approved pending documentation changes suggested by Dr. Martin.

**Alice Griffin (agriffin) (10/11/19 11:41 am):** Replaced individual documents of course eval and workforce analysis request form by merging them into the supporting document.

**Alice Griffin (agriffin) (10/18/19 9:52 am):** Corrected BOT meeting date in proposal document. Uploaded revised copy.

Key: 699