

# BACHELOR OF BUSINESS ADMINISTRATION-SUPPLY CHAIN MANAGEMENT CONCENTRATION

Skills acquired via the Supply Chain Management (SCM) concentration are in high demand. By completing a degree in Supply Chain Management, students will set themselves apart to succeed in business. Students will develop analytical skills in learning about inventory management, logistics, quality, purchasing, and transportation. Students in supply chain management have the opportunity to learn and then subsequently return value to both their own personal investment portfolios or to grow their company business.

The sky is the limit in Supply Chain Management. SCM provides an exciting and rewarding path of study in which students learn skills which directly lead to increased business profitability. Careers in SCM take many paths and end up with a multitude of career options.

## Degree Requirements

Students should refer to their DegreeWorks degree audit in their Web for Students account for more information regarding their degree requirements.

Code	Title	Hours
<b>Major Requirements</b>		
General Education Requirements ( <a href="http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext">http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext</a> )		42
<b>Business Administration Core Courses</b>		
FIN 354	Financial Management	3
GBUS 310	Business Communications	3
GBUS 440	International Business (EL)	3
GBUS 450	Business Ethics	3
or GBUS 452	Business Ethics for Non-Accounting Majors	
MGT 395	Principles of Management	3
MGT 439	Business Strategy and Policy	3
MGT 465	Production and Operations Management	3
MIS 360	Essentials of Management Information Systems	3
MKT 363	Marketing	3
MGT 324	Business Data Analytics I	3
or SCM 324	Business Data Analytics I	
<b>Supply Chain Management Concentration</b>		<b>18</b>
SCM 304	Principles of Supply Chain Management (SL)	
SCM 310	Strategic Sourcing	
SCM 412	Transportation	
MIS 302	Enterprise Resource Planning	
MIS 310	Mobile Application Development	
MGT 446	Entrepreneurship (EL)	
<b>Other Requirements-Business Introductory courses</b>		
ACCT 2301	Principles of Accounting I	3
ACCT 2302	Principles of Accounting II	3
BUSI 2301	Business Law	3
ECON 2301	Principles of Macroeconomics <sup>2</sup>	3
ECON 2302	Principles of Microeconomics <sup>2</sup>	3
MATH 1342	Elementary Statistical Methods	3
<b>BBA Secondary Core</b>		
12sch upper division Business Electives <sup>3</sup>		12
<b>Minimum Hours for Degree</b>		<b>120</b>

<sup>2</sup> Satisfies Core Curriculum

<sup>3</sup> Upper Division Business Electives include 300 & 400 level courses from Accounting, General Business, Finance, Management, Management Information Systems, Marketing & Supply Chain Management

Note: A minimum of 54 upper division hours (300 and 400 level courses) are required for this degree. Resident credit totaling 25% of the hours is required for the degree. A minimum GPA of 2.0 is required in three areas for graduation: Overall GPA, Institutional GPA, and Major GPA.

## Four Year Plan

Students should refer to their DegreeWorks degree audit in their Web for Students account for more information regarding their degree requirements.

### First Year

Code	Title	Hours
<b>Fall</b>		
		<b>Semester Credit Hours</b>
ENGL 1301	Composition I <small>requires minimum grade of 'C', Satisfies Core Curriculum</small>	3
HIST 1301	United States History I <small>Satisfies Core Curriculum</small>	3
MATH 1342	Elementary Statistical Methods <small>Satisfies Core Curriculum</small>	3
Creative Arts Core Curriculum Requirement ( <a href="http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext">http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext</a> )		
ECON 2301	Principles of Macroeconomics <small>Satisfies Core Curriculum</small>	3
IS 1100	University Foundations <small>mandatory for FTIC students only</small>	1
<b>Fall Total Semester Credit Hours</b>		<b>16</b>
<b>Spring</b>		
		<b>Semester Credit Hours</b>
ENGL 1302 or ENGL 2311	Composition II <small>Satisfies Core Curriculum</small> Technical Writing & Communication	3
HIST 1302	United States History II <small>Satisfies Core Curriculum</small>	3
Language, Philosophy and Culture Core Curriculum Requirement ( <a href="http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext">http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext</a> )		
SPCH 1315 or COMM 1307	Public Speaking <small>Satisfies Core Curriculum</small> Introduction to Mass Communication	3
ECON 2302	Principles of Microeconomics	3
<b>Spring Total Semester Credit Hours</b>		<b>15</b>
<b>Total First Year Semester Credit Hours</b>		<b>31</b>

### Second Year

Code	Title	Hours
<b>Fall</b>		
		<b>Semester Credit Hours</b>
Life and Physical Sciences Core Curriculum Requirement ( <a href="http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext">http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext</a> ) <small>Satisfies Core Curriculum</small>		3-4
PSCI 2301	American Government I: Federal & Texas Constitutions <small>Satisfies Core Curriculum</small>	3
ACCT 2301	Principles of Accounting I <small>requires minimum grade of 'C'</small>	3
Component Area Option B of the Core Curriculum ( <a href="http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext">http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext</a> )		
MKT 363	Marketing	3
<b>Fall Total Semester Credit Hours</b>		<b>15-16</b>
<b>Spring</b>		
		<b>Semester Credit Hours</b>
Life and Physical Sciences Core Curriculum Requirement ( <a href="http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext">http://catalog.tamut.edu/academic-information/university-core-curriculum/#corecurriculumtext</a> )		3-4
PSCI 2302	American Government II: Federal & Texas Political Behavior <small>Satisfies Core Curriculum</small>	3
ACCT 2302	Principles of Accounting II <small>requires minimum grade of 'C'</small>	3
BUSI 2301	Business Law	3

MGT 395	Principles of Management	3
<b>Spring Total Semester Credit Hours</b>		<b>15-16</b>
<b>Total Second Year Semester Credit Hours</b>		<b>30-32</b>

## Third Year

Code	Title	Hours
<b>Fall</b>		<b>Semester Credit Hours</b>
MIS 360	Essentials of Management Information Systems	3
MIS 310	Mobile Application Development	3
GBUS 310	Business Communications	3
SCM 304	Principles of Supply Chain Management (SL)	3
Upper Division Business Elective (300-400 level from: ACCT, FIN, GBUS, MGT, MIS, MKT, SCM)		3
<b>Fall Total Semester Credit Hours</b>		<b>15</b>
<b>Spring</b>		<b>Semester Credit Hours</b>
SCM 324 or MGT 324	Business Data Analytics I Business Data Analytics I	3
FIN 354	Financial Management	3
GBUS 440	International Business (EL)	3
SCM 310	Strategic Sourcing	3
Upper Division Business Elective (300-400 level from: ACCT, FIN, GBUS, MGT, MIS, MKT, SCM)		3
<b>Spring Total Semester Credit Hours</b>		<b>15</b>
<b>Total Third Year Semester Credit Hours</b>		<b>30</b>

## Fourth Year

Code	Title	Hours
<b>Fall</b>		<b>Semester Credit Hours</b>
GBUS 452 or GBUS 450	Business Ethics for Non-Accounting Majors Business Ethics	3
MGT 446	Entrepreneurship (EL)	3
MGT 465	Production and Operations Management	3
SCM 412	Transportation	3
Elective - Upper or Lower Division as needed to meet upper division and overall requirement		3
<b>Fall Total Semester Credit Hours</b>		<b>15</b>
<b>Spring</b>		<b>Semester Credit Hours</b>
MGT 439	Business Strategy and Policy	3
MIS 302	Enterprise Resource Planning	3
Upper Division Business Elective (300-400 level from: ACCT, FIN, GBUS, MGT, MIS, MKT, SCM)		3
Upper Division Business Elective (300-400 level from: ACCT, FIN, GBUS, MGT, MIS, MKT, SCM)		3
Elective - Upper or Lower Division as needed to meet upper division and overall requirement		3
<b>Spring Total Semester Credit Hours</b>		<b>15</b>
<b>Total Fourth Year Semester Credit Hours</b>		<b>30</b>
<b>Minimum Hours required for Degree</b>		<b>120</b>

Note: A minimum of 54 upper division hours (300 and 400 level courses) are required for this degree. Resident credit totaling 25% of the hours is required for the degree. A minimum GPA of 2.0 is required in three areas for graduation: Overall GPA, Institutional GPA, and Major GPA.

## Undergraduate Courses in Supply Chain Management

### **SCM 302. Enterprise Resource Planning. 3 Hours.**

This course provides an overview of enterprise systems and supply chain business processes, and introduces students to how enterprise systems are used to manage supply chains and make effective business decisions. Cross-listed with MIS 302. Credit cannot be awarded for both SCM 302 and MIS 302.

### **SCM 304. Principles of Supply Chain Management (SL). 3 Hours.**

A firm supply chain includes all internal functions plus external suppliers involved in the identification and fulfillment of needs for materials, equipment, and services. Supply chain management lays the foundation for a successful business operation. This course integrates the principles of Experiential Learning and meets the criteria for service learning.

### **SCM 308. Project Management. 3 Hours.**

This class is a study of the practices and methods used in managing projects. Project elements such as scheduling, organizing, implementing, control, and assessment will be discussed. The course focuses on using project management techniques appropriate for information systems projects.

### **SCM 310. Strategic Sourcing. 3 Hours.**

This course is to introduce the key concepts and techniques that manage and improve supply chain processes from different industries and markets. At the completion of this course, skills will be gained to assess supply chain performance and make recommendations to increase supply chain competitiveness. This course integrates the principles of Experiential Learning (EL) and meets the criteria for project-based learning. Prerequisite: Junior standing.

### **SCM 324. Business Data Analytics I. 3 Hours.**

This course introduces students to data analytics statistical methods used in addressing real world business problems. This course is designed to apply statistical concepts and perform data visualization using pivot tables, formatting, functions and Power BI. Topics covered include sampling distributions, confidence intervals, hypothesis testing, simple regression and multiple regression. Appropriate computer resources will be used. This course integrates the principles of experiential learning and meets the criteria for undergraduate research. Prerequisite: MATH 1342.

### **SCM 325. Business Statistics (EL). 3 Hours.**

This course introduces students to statistical methods used in addressing real world business problems. Topics covered include sampling distributions, confidence intervals, hypothesis testing, simple regression, and multiple regression. Appropriate computer resources will be used. This course integrates the principles of Experiential Learning and meets the criteria for undergraduate research. Prerequisite: MATH 1342.

### **SCM 412. Transportation. 3 Hours.**

This course presents the business process for transportation and logistics including all the activities required to move products, money, and information within the supply chain. Prerequisite: Junior standing.

### **SCM 434. Quality Analysis and Control. 3 Hours.**

This course explores how quality integrates fundamental management techniques and technical tools under a disciplined approach. Prerequisite: SCM 325, or MATH 1325, or MATH 2413.

### **SCM 476. Business Data Analytics II. 3 Hours.**

This course introduces predictive analytics and prescriptive analytics. Predictive analytics seeks to predict what could occur in the future, and includes forecasting techniques, data mining and Monte Carlo simulation. Prescriptive analytics investigates what should occur in the future and includes optimization models. Prerequisite: MGT 324 or SCM 324.

### **SCM 489. Independent Study. 3 Hours.**

This course provides individual instruction. Students may repeat the course when topics vary.

### **SCM 497. Special Topics. 3 Hours.**

Instructors will provide an organized class designed to cover areas of specific interest. Students may repeat the course when topics vary.

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