

SUPPLY CHAIN MANAGEMENT

Department of Supply Chain Management and Decision Sciences
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The mission of the Department of Supply Chain Management and Decision Sciences is to prepare diverse students with skills in quantitative methods, information technology, and supply chain management for successful careers in a global environment. The vision of the Department of Supply Chain Management and Decision Sciences is to engage students and business professionals in collaborative learning initiatives that lead to leadership careers in supply chain management and analytics.

Program Description

The curriculum is designed to focus on improving the quality of managerial decision making processes for managers and small business entrepreneurs in a complex and dynamic global environment. The core courses offered in the areas of quantitative methods, operations/supply chain management and information systems emphasize the application of analytical tools and techniques in analyzing and solving business problems and other critical functional areas of business for manufacturing and service sectors.

Supply Chain Management

The Supply Chain Management Concentration provides the requisite analytical and operational skills to manage various production and operational functions in a technologically-driven business environment. In addition to the foundation core courses in statistical analysis, economics, decision sciences, and information systems, students take courses in advanced quantitative techniques, production and operations, systems analysis and design, database management, and supply chain to enhance their ability to recognize, analyze, and solve complex business problems.

Student Learning Outcomes

Graduates of the Supply Chain Management Concentration will be able to:

1. Be able to apply an integrated enterprise approach of flows of goods, services and information from raw materials to suppliers to end customer.
2. Be able to use strategic sourcing and purchasing concepts to optimize supply chain operations.
3. Apply lean sigma approach to impose quality of supply chain processes
4. Formulate approaches to mitigate supply chain risk
5. Understand the implications of supply chain initiatives in terms of key financial performance metrics.

Degree Requirements

Code	Title	Hours
Required Courses		
CBUS 317	Enterprise Integration Systems	3
CBUS 362	Supply Chain Management	3
CBUS 364	Procurement and Supply Mgmt	3
CBUS 474	Logistics Management	3

Electives		
Select two of the following:		6
CBUS 314	Statistics II	
CBUS 315		
CBUS 331	Legal,Social,Ethical Aspect II	
CBUS 366	Project Management	
CBUS 434	Enterprise Integration Applica	
CBUS 436	Data Mining/Visualization	
CBUS 438		
CBUS 462	Adv Topics in Supply Chain Mgm	
CBUS 470		
CBUS 472	Quality,Diversity,Productivity	
CBUS 476	Supply Chain Management Strate	
CBUS 478	Modeling the Supply Chain	
Total Hours		18

Business Administration, B.A., All Concentrations

Course	Title	Hours
First Year		
First Semester		
CENG 105	College Composition I (Area D1)	3
CGED 100	First Year Seminar	1
CMAT 109	College Algebra for Bus & Econ (Area C1)	3
CBIO 101	Biological Science (or other course - Area C3)	3
CFLS 201 or CSTA 101	Intermediate Spanish (Area D3) or Fundamentals of Speech	3
Any Social Science course in Area B		3
Hours		16
Second Semester		
CENG 106	College Composition II (Area D2)	3
CGED 101	1st-Year Seminar	1
CMAT 110	Calculus for Bus & Econ (Area C2)	3
CBUS 250	Personal Finance (Area E1)	3
CPSY 211	General Psychology (or other course - Area B1)	3
CBUS 120	Intro to Business Administrati	3
Hours		16
Second Year		
First Semester		
CPHI 105	Critical Thinking (Area A3)	3
CECO 251	Principles of Macroeconomics	3
CHIS 201	United States,Africa & World (Area A2)	3
CBUS 207	Principles of Accounting I	3
CHUM 228	or other course - Area A1	3
CBUS 295	Leadership & Prof Dev I	1
Hours		16
Second Semester		
CBUS 335	Principles of Marketing	3
CECO 252	Principles of Microeconomics	3
CBUS 206	Management Info Systems	3

CBUS 208	Principles of Accounting II	3
CBUS 340	Principles of Management	3
Hours		15

Third Year**First Semester**

CBUS XXX	Business Elective	3
CBUS 313	Statistics I	3
CBUS 325	Business Communication	3
CBUS 341	Business Finance	3
CBUS 330	Legal,Social,Ethical Aspect I	3
Hours		15

Second Semester

CBUS XXX	Course in Concentration	3
CBUS XXX	Course in Concentration	3
CBUS XXX	Concentration Elective (See list of concentration elective courses)	3
CBUS 395	Leadership & Prof Dev II	1
2nd Concentration/Minor/Credential/Other		3
2nd Concentration/Minor/Credential/Other		3
Hours		16

Fourth Year**First Semester**

CBUS XXX	Course in Concentration	3
CBUS 460	Production/Operations Mgmt	3
CBUS 495	Leadership & Prof Dev III	1
CBUS XXX	Concentration Elective (See list of concentration elective courses)	3
2nd Concentration/Minor/Credential/Other		3
2nd Concentration/Minor/Credential/Other		3
Hours		16

Second Semester

CBUS 485	Business Policy	3
CBUS XXX	Course in Concentration	3
Free Elective		3
Free Elective		3
Hours		12
Total Hours		122

Note: A minimum grade of "C" is required in all Business Core Courses, courses taken in the Concentration, CMAT 109 College Algebra for Bus & Econ, CMAT 110 Calculus for Bus & Econ, CENG 105 College Composition I, and CENG 106 College Composition II.