



Study plan No.	2021/2022		University Specialization		Management Information Systems	
Course No.	0506449		Course name		Supply Chain Management	
Credit Hours	3		Prerequisite Co-requisite		0506447	
Course type	<input type="checkbox"/> MANDATORY UNIVERSITY REQUIREMENT	<input type="checkbox"/> UNIVERSITY ELECTIVE REQUIREMENTS	<input type="checkbox"/> FACULTY MANDATORY REQUIREMENT	<input type="checkbox"/> Support course family requirements	<input type="checkbox"/> Mandatory requirements	<input checked="" type="checkbox"/> Elective Requirements
Teaching style	<input type="checkbox"/> Full online learning		<input checked="" type="checkbox"/> Blended learning		Traditional learning	
Teaching model	<input type="checkbox"/> 2Synchronous: 1asynchronous		<input checked="" type="checkbox"/> face to face : 1synchronous		Traditional	

Faculty member and study divisions information (to be filled in each semester by the subject instructor)

Name	Academic rank	Office No.	Phone No.	E-mail	
Division number	Time	Place	Number of students	Teaching style	Approved model

Brief description

This course provides an understanding of fundamental concepts of supply chain management. All functional areas of supply chain management are explored in an integrated view of procurement, manufacturing and operations management, transportation and logistics, inventory and warehousing, demand planning, scheduling, network design, collaboration and performance measurement. Topics also cover supply chain financial metrics, strategy and risk management for demand driven value networks.

Learning resources

Course book information (Title, author, date of issue, publisher ... etc.)	Principles of Supply Chain Management: A Balanced Approach , Fifth Edition, Cengage, 2017.			
Supportive learning resources (Books, databases, periodicals, software, applications, others)	1Supply Chain Management: Strategy, Planning, and Operations (5th Edition) by Sunil Chopra and Peter Meindl. Prentice Hall, 2012.			
Supporting websites				
The physical environment for teaching	<input checked="" type="checkbox"/> Class room	<input type="checkbox"/> Labs	<input checked="" type="checkbox"/> Virtual educational platform	<input type="checkbox"/> Others
Necessary equipment and software	ERP system			
Supporting people with special needs	Strategic Marketing Researcher			
For technical support				



Course learning outcomes (S= Skills, C= Competences K= Knowledge,)

No.	Course learning outcomes	The associated program learning output code
Knowledge		
K1	Illustrate how a supply chain crosses the boundaries of businesses and coordinates the two-way flow of goods, services, information, and financial information (including pricing) from the point of origin to the point of use.	MK1
K2	Explain the vertical and horizontal dimensions of supply chain relationships.	MK2
K3	Create examples of supply chain performance measures involving time, quality, cost and supporting metrics.	MK3
K4	Demonstrate an understanding of how supply chain management decisions regarding channel structure, inventory, order handling and transportation impact return on assets	MK2
Skills		
S1	evaluate the seven principles of supply chain management and how they contribute to revenue growth, asset utilization and cost reduction	MS2
S2	Identify the seven principles of supply chain management and how they contribute to revenue growth, asset utilization and cost reduction	MS1
Competences		
C1	Understand the important role of supply chains in today's business and economy	MC2
C2	Understand a wide scope of functions and concepts in supply chains	MC2
C3	apply conceptual decision-support to supply chain related decision problems	MC1
C4	Analyze the unique characteristics and issues of agribusiness supply chains	MC1

Mechanisms for direct evaluation of learning outcomes

Type of assessment / learning style	Fully electronic learning	Blended learning	Traditional Learning (Theory Learning)	Traditional Learning (Practical Learning)
First exam		30%		
Second / midterm exam		--		
Participation / practical applications		--		
Asynchronous interactive activities		30%		



final exam		40%		
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Note: Asynchronous interactive activities are activities, tasks, projects, assignments, research, studies, projects, work within student groups ... etc, which the student carries out on his own, through the virtual platform without a direct encounter with the subject teacher.

Schedule of simultaneous / face-to-face encounters and their topics

Week	Subject	learning style*	Reference **
1+2	Chapter 1 Introduction to SCM	Lecture	
3	Chapter 2 Purchasing Management	Lecture	
4+5	Chapter 3 Supplier Relationship Management	Lecture	
6+7	Chapter 6 Resource Planning	Lecture	
8+9	Chapter 7 Inventory Management	Lecture	
10	Chapter 8 Process Management Supplement	Lecture	
11+12	Chapter 9 Domestic and Global Logistics	Lecture	
13+14	Chapter 10 Customer Relationship Management	Lecture	
15	Chapter 11 Global Location Decisions	Lecture	
16	Final Exam		

* Learning styles: Lecture, flipped learning, learning through projects, learning through problem solving, participatory learning ... etc.

** Reference: Pages in a book, database, recorded lecture, content on the e-learning platform, video, website ... etc.

Schedule of asynchronous interactive activities (in the case of e-learning and blended learning)

Week	Task / activity	Reference	Expected results
1	Define SCM		
2	Supply chain strategy: achieving strategic fit (Zara, Dell); dual sourcing; network design;		
3	Supply chain risk sharing contracts		
4	Importance of SCM		
5	Supply chain coordination: sales & operations planning (S&OP)		
6	Supply chain coordination: Production		
7	Supply chain coordination: bullwhip effect		



8	Resource planning in organization		
9	Types of inventory management systems		
10	Domestic logistics		
11	Importance of international logistics		
12	SCM in ERP systems		
13	SCM in global organizations		
14	Support decision making		
15	Global supply chain: buy-sell, turnkey, transfer price and tax		
16	Final Exam		