



College of Business
Business Administration Department

Study Plan of the Bachelor's Degree
In: Logistics Sciences and Supply Chain Management
Academic Year 2025/2026

Study Plan Credit hours(132)

Type of Program: **Blended**

Major Type:

Humanities

Scientific/Technical

Science Medical

Teaching Type	Percentage of study plan hours/number	Actual Ratio
Complete Online E-Learning	20% - 10% Maximum	%20
Blended learning (Humanities Specializations)	60% - 40% Maximum	%60
Face-to-face learning (Humanities Specializations)	20% Minimum	%20

Note: The learning types of the courses are disseminated at all academic levels in the program

**Department Vision**

Entrepreneurship and excellence in education, academic learning and research in business administration and management, and human resource management at the local and regional levels.

Department Mission

Preparing scientifically qualified staff supported by knowledge and skills of business administration, management, human resource management and professional ethics to work in all areas of business organizations, to meet the needs of the local and regional community, in accordance with local and international quality criteria.

Program Mission

To prepare distinguished graduates in Logistics and Supply Chain Management (LSCM), equipped with knowledge, skills, and professional ethics, through qualified faculty capable of meeting local and international standards, and in alignment with e learning integration standards.

Educational Program Objectives

1. Equip graduates with solid and advanced LSCM knowledge and connect it to practical applications in local and global contexts.
2. Build professional skills to analyze, design, and operate logistics systems and supply chains efficiently and effectively.
3. Enable the use of analytics, data technologies, and ERP to support operational and strategic supply-chain decisions.
4. Strengthen applied research capabilities to address real-world logistics and supply-chain challenges.
5. Develop self-learning, communication, and teamwork to keep pace with workplace change and contribute to community and sustainability.
6. Prepare graduates for postgraduate study and professional certifications in logistics and supply chain.

**Educational Program Outcomes:**

The intended outcomes of this program are to prepare graduates who are able to:

1. Explain core and advanced LSCM concepts and models across planning, procurement, transportation, distribution, and inventory.
2. Identify contemporary trends and digital technologies that enhance efficiency and sustainability, and explain their performance impact.
3. Employ quantitative/qualitative tools and scientific methods to diagnose logistics issues and design effective solutions.
4. Apply modern information systems to support decisions and improve operational processes.
5. Contribute in the workplace through leadership, communication, and teamwork, using critical thinking to solve SCM problems.
6. Pursue continuous learning to update LSCM knowledge and apply it to improve organizational performance.



Plan Contents

The study plan for the Bachelor's Degree in Logistics Sciences and Supply Chain Management consists of (132) credit hours, distributed as follows:

Sequence	Classification	Credit Hours	Percent %
1st	University Requirements	27	20%
2nd	College Requirements	18	14%
3rd	Program Requirements	84	64%
4th	Free subject	3	2%
Total		132	100%

Coding System Approved by the University

2	2 3	1,2,3 4,5	Semester year	
College Code	Major Code	Knowledge domain	Course Level	Sequence

Knowledge Domain

Domain Code	Knowledge Domain	Credited Hours of Study Plan
1	Logistics Network Design and Operation Strategy	12
2	Globalization and International Trade	12
3	Logistics Management	12
4	Informatics and Computerized Logistics Applications	9
5	Humanitarian, Ethical, and Environmental Logistics	9


First: University Requirements: (27) Credit Hours
A. Compulsory University Requirements: (18) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours	Pre-Requisite
Online E-Learning	Blended	Face-to-Face				
✓			50511104	Communication Skills 1 (Arabic Language)	3	50511111
✓			50511105	Communication Skills 1 (English Language)	3	50511112
✓			50511205	Life Skills and Social Responsibility	3	-
✓			50511206	National Education	3	-
✓			50511305	Entrepreneurship and Innovation	3	-
✓			50511308	Military Science	3	-
✓			50541209	Voluntary Work and Community Development	0	-
			Total			

B. Elective University Requirements: (9) Credit Hours from the following list:

Teaching type			Course Number	Course Title	Credited Hours	Pre-Requisite
Online E-Learning	Blended	Face-to-Face				
✓			50521106	Communication Skills 2 (Arabic Language)	3	50511104
✓			50521107	Communication Skills 2 (English Language)	3	50511105
✓			50521203	Principles of Psychology	3	-
✓			50521204	Human Rights	3	-
✓			50531101	Islamic Culture	3	-
✓			50531205	History of Jerusalem and Hashemite Custodianship	3	-
✓			50541103	Computer Skills	3	50511113
✓			50541204	Development and Environment	3	-
✓			50541206	Health and Society	3	-



Teaching type			Course Number	Course Title	Credited Hours	Pre-Requisite
Online E-Learning	Blended	Face-to-Face				
✓			50541208	Introduction to Sustainable Development	3	-
✓			50541211	Introduction to Artificial Intelligence	3	-
✓			50541308	Foreign Language	3	-
✓			50541309	Digital Culture	3	50511113
Total					9	

Second: College Requirements: (18) Credit Hours

A. Compulsory College Requirements: (18) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours	Pre-Requisite
Online E-Learning	Blended	Face-to-Face				
	✓		2011101	Principles of Business Administration	3	-
		✓	2021101	Principles of Accounting (I)	3	-
		✓	2221101	Principles of Financial Management (I)	3	-
	✓		2091111	Principles of Digital Marketing	3	-
	✓		20541101	Fundamentals of Management Information Systems	3	-
	✓		20851101	Fundamentals of Human Resource Management	3	-
Total					18	

Third: Program Requirements (84) Credit Hours

A. Compulsory Requirements: (63) Credit Hours



Teaching type			Course Number	Course Title	Credit ed Hours *	Theoretical	Practical	Pre-Requisite
Online E-Learning	Blended	Face-to-Face						
	✓		22331101	Introduction to Supply Chain and Logistics Management	3	3	-	-
	✓		22322102	Purchasing Management	3	3	-	2011101
	✓		22332103	Warehouse and Inventory Management	3	2	1	2011101
	✓		22312104	Supplier and Customer Partnerships & Relationships	3	3	-	22331101
	✓		20134104	Production and Operations Management	3	3	-	20133203
	✓		22322206	Import and Export Management	3	3	-	-
	✓		22312207	Supply Chain Network Design	3	3	-	22331101
	✓		20123101	Change and Crisis Management	3	3	-	-
		✓	22313108	Specialized Logistics	3	3	-	22331101
	✓		20553102	E-Business / E	3	3	-	20541101
		✓	20133203	Operations Research	3	3	-	50551106
	✓		20114107	International Business Management	3	3	-	2011101
		✓	20514103	Business Intelligence and Data Analytics	3	2	1	20541101
		✓	20133211	Artificial Intelligence Applications in Business / E	3	-	3	-
	✓		20543102	Enterprise Resource Planning (ERP) Systems	3	2	1	20541101
	✓		22354112	Humanitarian Logistics and Sustainability	3	3	-	22331101
		✓	20513205	Cybersecurity in Business	3	2	1	20541101
	✓		22354215	Contemporary Issues in Logistics Sciences / E	3	3	-	22331101



Teaching type			Course Number	Course Title	Credit ed Hours *	Theoretical	Practical	Pre-Requisite
Online E-Learning	Blended	Face-to-Face						
	✓		22354214	Green Supply Chain Management	3	3	-	22331101
		✓	22334216	Graduation Project	3	-	3	Completion of 90 Cr. Hrs
		✓	22334217	Field Training	3	-	3	Completion of 90 Cr. Hrs
			Total		63			

* Credit Hours

B. Elective Requirements: (6) Credit Hours

The student shall select (6) credit hours from the following courses:

Teaching type			Course Number	Course Title	Credited Hours *	Theoretical	Practical	Pre-Requisite
Online E-Learning	Blended	Face-to-Face						
	✓		22323210	Retail and Wholesale Logistics	3	3	-	22331101
	✓		22312218	Supply Chain Integration	3	3	-	22331101
	✓		22334121	Project Management	3	3	-	20133203
	✓		20113108	Entrepreneurship in Business	3	3	-	20111101
	✓		20132206	Total Quality Management (TQM)	3	3	-	20111101
	✓		20123102	Business Ethics	3	3	-	-
			Total		6	6		



C. Elective Requirements: (15) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours*	Theoretical	Practical	Pre-Requisite
Online E-Learning	Blended	Face-to-Face						
	✓		20132107	Methods of Scientific Research	3	3	-	-
	✓		20652102	Commercial Legislation	3	3	-	-
	✓		50551106	Business Mathematics	3	3	-	-
	✓		50531108	Principles of Statistics for Business	3	3	-	-
	✓		20121211	Principles of Economics Science	3	3	-	-
			Total		15	15		

D. Free course: (3) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours*	Theoretical	Practical	Pre-Requisite
Online E-Learning	Blended	Face-to-Face						

E. Remedial course: (0) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours*	Theoretical	Practical	Pre-Requisite
Online E-Learning	Blended	Face-to-Face						
✓			50511111	Arabic Language (Remedial)	3			
✓			50511112	English Language (Remedial)	3			
✓			50511113	Computer Skills (Remedial)	3			
			Total		0			



Guidance plan

First Year

First Semester

Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
2011101	Principles of Business Administration	Blended	3	-	-
2233101	Introduction to Supply Chain and Logistics Management	Blended	3	-	-
2021101	Principles of Accounting (I)	Face-to-Face	3	-	-
2054101	Fundamentals of Management Information Systems	Blended	3	-	-
-	University Elective Requirement	Online / E-Learning	3	-	-
Total			15		

Second Semester

Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
20121211	Principles of Economics Science	Blended	3	-	-
22322102	Purchasing Management	Blended	3	Principles of Business Administration	-
2221101	Principles of Financial Management (I)	Face-to-Face	3	-	-
-	University Compulsory Requirement	Online / E-Learning	3	-	-
20911111	<i>Principles of Digital Marketing</i>	Blended	3	-	-
-	University Elective Requirement	Online / E-Learning	3	-	-
Total			18		



Second Year

First Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
20132107	Methods of Scientific Research	Blended	3	-	-
20851101	Fundamentals of Human Resource Management	Blended	3	-	-
22332103	Warehouse and Inventory Management	Blended	3	<i>Principles of Business Administration</i>	-
22312104	Supplier and Customer Partnerships & Relationships	Blended	3	<i>Introduction to Supply Chain and Logistics Management</i>	-
-	University Compulsory Requirement	Online / E-Learning	3	-	-
20652102	Commercial Legislation	Blended	3	-	-
Total			18		

Second Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
-	University Elective Requirement	<i>Online / E-Learning</i>	3	-	-
22322206	Import and Export Management	<i>Blended</i>	3	-	-
20114107	International Business Management	<i>Blended</i>	3	<i>Principles of Business Administration</i>	-
50551106	Business Mathematics	<i>Blended</i>	3	-	-
22312207	Supply Chain Network Design	<i>Blended</i>	3	<i>Introduction to Supply Chain and Logistics Management</i>	-
-	University Compulsory Requirement	<i>Online / E-Learning</i>	3	-	-
Total			18		

* Credit Hours



Third Year

First Semester

Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
20123101	Change and Crisis Management	<i>Blended</i>	3	Principles of Business Administration	-
22313108	Specialized Logistics	<i>Face-to-Face</i>	3	Introduction to Supply Chain and Logistics Management	-
20553102	E-Business/ E	<i>Blended</i>	3	<i>Fundamentals of Management Information Systems</i>	-
20133203	Operations Research	<i>Face-to-Face</i>	3	Business Mathematics	-
—	University Compulsory Requirement	<i>Online / Distance</i>	3	-	-
—	Major Elective Requirement	<i>Blended</i>	3	-	-
Total			18		

Second Semester

Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
20514103	Business Intelligence and Data Analytics	<i>Face-to-Face</i>	3	<i>Fundamentals of Management Information Systems</i>	-
—	Free Elective Course	—	3	-	-
20133211	Artificial Intelligence Applications in Business / E	<i>Face-to-Face</i>	3	-	-
50531108	<i>Principles of Statistics for Business</i>	<i>Blended</i>	3	-	-
—	Major Elective Requirement	<i>Blended</i>	3	-	-
Total			15		

* Credit Hours



Fourth Year

First Semester

Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
22334117	Field Training	<i>Face-to-Face</i>	3	Completion of 90 Cr. Hrs	-
20543102	Enterprise Resource Planning (ERP) Systems	<i>Blended</i>	3	Fundamentals of Management Information Systems	-
22354113	Humanitarian Logistics and Sustainability	<i>Blended</i>	3	Introduction to Supply Chain and Logistics Management	-
20134104	Production and Operations Management	<i>Blended</i>	3	Operations Research	-
-	University Compulsory Requirement	<i>Online / Distance</i>	3	-	-
Total			15		

Second Semester

Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
20513205	Cybersecurity in Business	<i>Blended</i>	3	Fundamentals of Management Information Systems	-
22354215	Contemporary Issues in Logistics Sciences	<i>Blended</i>	3	Introduction to Supply Chain and Logistics Management	-
22334216	Graduation Project	<i>Face-to-Face</i>	3	<i>Completion of 90 Cr. Hrs</i>	-
-	University Compulsory Requirement	<i>Online / Distance</i>	3	-	-
22354214	Green Supply Chain Management	<i>Blended</i>	3	Introduction to Supply Chain and Logistics Management	-
Total			15		

* Credit Hours



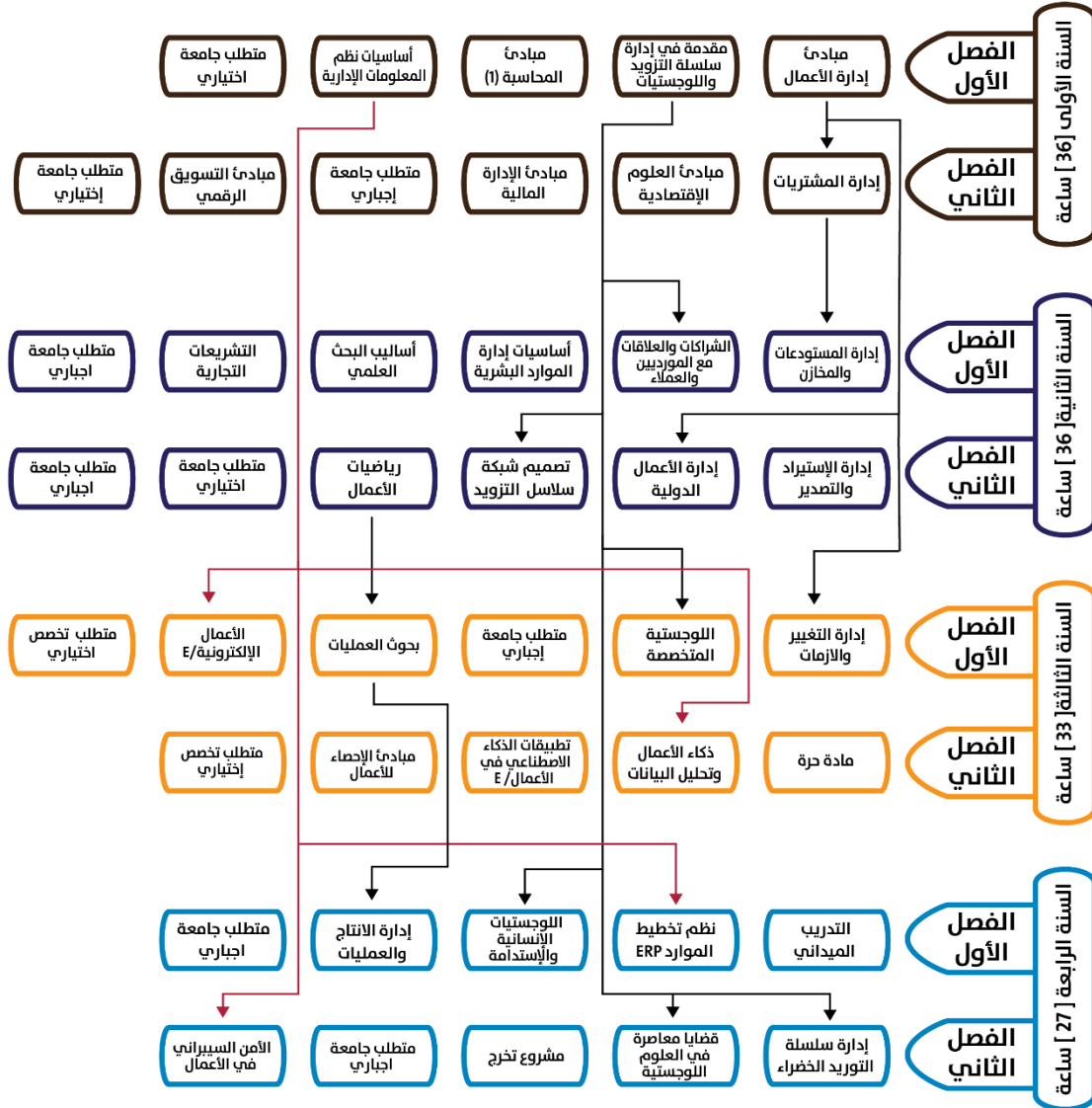
Courses Tree

شجرة المساقات

القسم: إدارة الأعمال
تاريخ الإصدار: 2025/9/27

البرنامج: بكالوريوس

التخصص: العلوم اللوجستية وإدارة سلسلة التوريد





Course Description

20111101 – Principles of Business Administration (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course aims to provide students with a comprehensive understanding of the fundamental concepts of management and the different schools of administrative thought. It enables students to gain deeper insights into how organizations function and are managed effectively. The course covers the main managerial functions and their interactions in achieving organizational goals. It also focuses on developing essential managerial skills, including creative problem-solving, effective time management, and optimal resource utilization. In addition, the course enhances communication skills across different managerial levels within the organization and fosters successful interaction with external environmental elements.

20211101 – Principles of Accounting (1) (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, On-Campus)

This course introduces students to the fundamentals of accounting, the accounting system, and its core elements. It covers the double-entry system and transactions related to capital, cash operations, merchandise, and receivables. Students will also learn to prepare a trial balance and understand the main elements of financial statements.

22211101 – Principles of Financial Management (1) (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, , Face-to-Face)

This course introduces students to the essential concepts of financial management, its role in business organizations, and different business structures. It equips students with skills related to the time value of money, including present and future value of a single amount, annuities, mixed cash flows, perpetuities, and effective interest rates. The course also covers the four main financial statements (balance sheet, income statement, retained earnings, and cash flows) and trains students to critically analyze company performance through financial analysis using financial ratios.

20911111 – Principles of Digital Marketing (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course provides students with fundamental concepts of digital marketing and the role of digital transformation in shaping electronic markets. It explores how the internet has transformed traditional marketing into digital marketing, including consumer behavior online and market segmentation. The course examines the changes in the marketing mix (product, pricing, promotion, and distribution) in digital contexts, as well as strategies and techniques for digital marketing, particularly in enhancing customer service.

20541101 – Fundamentals of Management Information Systems (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course introduces the fundamental concepts of Management Information Systems (MIS) and their applications in business organizations. It covers the definition, classification, functions, and components of MIS, along with their technological infrastructure. The course emphasizes the impact of MIS on different organizational levels and highlights the importance of managing information systems for effective decision-making and overall business performance.

20851101 – Fundamentals of Human Resource Management (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course provides students with a comprehensive understanding of the role of Human Resource Management (HRM) in organizations and its integration with organizational processes. Students will learn to explain the various HRM functions and their importance in achieving organizational goals. Topics include job analysis, job description design, job classification and evaluation, effective HR planning, as well as recruitment, selection, and placement procedures. The course also covers performance management and appraisal methods, principles of compensation and benefits, and strategies for employee development and retention. Practical skills will be developed through applications and case studies to enhance students' ability to attract, develop, and sustain human resources while fostering job satisfaction.



22331101 – Introduction to Supply Chain and Logistics Management (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course introduces students to the fundamental concepts and principles of supply chain and logistics management. Emphasis is placed on the importance of integration among activities such as sourcing, manufacturing, warehousing, transportation, and distribution. The course examines the key components of the supply chain and their role in achieving efficiency, cost reduction, and customer satisfaction. It develops students' skills in analyzing the flow of materials and information across the chain and enables them to understand stakeholder relationships and make informed initial decisions to improve operational performance.

22322102 – Purchasing Management (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Principles of Business Administration, Blended)

This course provides students with a thorough understanding of the role of purchasing management in supporting supply chain efficiency and organizational objectives. It covers the stages of the procurement process, from needs assessment and market analysis to supplier selection, contract negotiation, and performance evaluation. The course also addresses supplier relationship management and equips students with practical skills in procurement planning, bid and quotation analysis, the use of key performance indicators (KPIs) for purchasing, and strategic decision-making to enhance efficiency, reduce costs, and ensure continuity of high-quality supply.

22332103 – Warehouse and Inventory Management (3 Cr. Hrs, Lec: 2, Lab: 1, Prerequisite: Principles of Business Administration, Blended)

This course introduces students to the fundamental concepts and practices of warehouse and inventory management and their critical role in supporting supply chain efficiency. It covers warehouse types and classifications, storage methods, warehouse layout and space planning according to product characteristics, and inventory control techniques. The course emphasizes practical skills in goods receiving, inspection, sorting, and stock level management using quantitative models. Students will also develop competencies in applying electronic Warehouse Management Systems (WMS) and analyzing logistics performance indicators to optimize resource utilization and minimize waste.

. 22312104 – Supplier and Customer Partnerships & Relationships (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Supply Chain Network Design, Blended)

This course provides students with essential knowledge on the importance of building effective strategic partnerships with suppliers and customers within the supply chain. It covers concepts of collaboration and integration, partner selection mechanisms, performance evaluation, and contractual relationships. The course emphasizes developing skills in communication, negotiation, and managing long-term relationships to achieve mutual benefits. Students will acquire competencies in analyzing the business environment and building reliable supplier and customer networks, thereby enhancing organizational operational and competitive performance.

20123101 – Change and Crisis Management (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Principles of Business Administration, Blended)

This course aims to provide students with an in-depth understanding of organizational change management and crisis management. It addresses the concept and importance of organizational change, as well as effective change management models and steps. Students will also be introduced to the concept of crises and approaches to their management, enabling them to acquire skills for adapting to changing work conditions and responding positively to organizational challenges. The course highlights the importance of professionalism and competence in handling crises and working under pressure, while developing the necessary capabilities to effectively participate in change initiatives and implement crisis management plans with speed and efficiency in responding to emergencies.

**22322206 – Import and Export Management (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)**

This course introduces students to the fundamental concepts and practical procedures related to import and export operations in the context of international trade. Topics include customs documentation, international contracting terms (Incoterms), payment methods, and international shipping and transportation systems. The course develops students' skills in preparing export and import transactions, analyzing trade and customs restrictions, and applying best practices in cross-border logistics. Students will also gain practical competence in ensuring compliance with legal and regulatory frameworks, thereby enhancing their readiness to work in diverse global trade environments.

22312207 – Supply Chain Network Design (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Introduction to Supply Chain and Logistics Management, Blended)

This course equips students with theoretical and practical knowledge of the principles of designing efficient and effective logistics and supply chain networks. It addresses key factors influencing facility location decisions, warehouse distribution, and the determination of optimal supply routes. The course also develops students' skills in analyzing material and information flows, evaluating costs, and mapping supply networks using analytical tools. Students will acquire competencies in designing interconnected and responsive supply chain networks that align with market dynamics, support operational performance, and deliver added value to the organization.

20114107 – International Business Management (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Principles of Business Administration, Blended)

This course provides students with a comprehensive understanding of the concepts and theories of international business management, with a focus on their application in business organizations. It aims to enhance critical thinking skills, the ability to forecast future changes, and evaluate the impact of international business techniques and agreements on organizations and their environments. The course develops students' ability to apply both quantitative and qualitative methods for analyzing and solving international business problems and making appropriate decisions. Furthermore, it emphasizes the optimal use of organizational resources to achieve efficiency and effectiveness, enabling students to reach advanced levels of understanding and competence in managing international business successfully.

22313108 – Specialized Logistics (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Introduction to Supply Chain and Logistics Management, Face-to-Face)

This course introduces students to specialized logistics models applied in various fields such as healthcare logistics, military logistics, emergency logistics, and e-commerce logistics. The course emphasizes analyzing the characteristics of each model in terms of operational structure, supply requirements, and resource management under constraints. It develops students' skills in applying advanced logistics analysis tools to address the unique needs of different sectors. Students will also acquire the competence to design customized logistics solutions that enhance efficiency and responsiveness in diverse and complex operational environments.

20553102 – E-Business /E (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Fundamentals of Management Information Systems, Blended)

This course provides an overview of the fundamental concepts of e-business management, its functions, goals, and models. It covers e-business infrastructure, strategies, and e-commerce applications. The course explores the role of e-business and e-commerce in reshaping entire industries and examines their impact on business operations, including electronic transactions, supply chain processes, decision-making, and organizational performance.





20133203 – Operations Research (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Business Mathematics, Face-to-Face)

This course deepens students' understanding of the fundamentals of operations research and its applications in managerial processes. It emphasizes developing practical skills for decision-making through quantitative approaches, enabling students to analyze business situations objectively. The course provides the competencies required to apply mathematical and analytical models for managerial decision-making, including evaluating the effectiveness of mathematical models in various organizational contexts. It also equips students with the necessary tools to apply theories and mathematical concepts to real-life management cases, enhancing their ability to analyze problems and design innovative and effective solutions.

20514102 – Business Intelligence and Data Analytics (3 Cr. Hrs, Lec: 2, Lab: 1, Prerequisite: Fundamentals of Management Information Systems, Face-to-Face)

This course provides students with knowledge and skills to use business intelligence and data analytics tools to support decision-making in business environments. It covers the concept of business intelligence and its role in improving organizational performance, the use of data analytics tools to generate actionable insights, and the design of interactive dashboards and analytical reports. The course also addresses data mining techniques, predictive modeling, and linking data analytics to organizational strategy and decision-making.

20133209 – Applications of Artificial Intelligence in Business (3 Cr. Hrs, Lec: 0, Lab: 3, Prerequisite: None, Face-to-Face)

This course equips students with foundational and advanced knowledge of artificial intelligence (AI), including machine learning, big data analytics, and intelligent systems, with a strong focus on practical business applications. Key areas include supply chain management, human resource management, digital marketing, and management information systems. Students will develop skills in business data analysis, problem formulation suitable for AI techniques, and using modern digital tools to build and evaluate intelligent models. The course fosters innovation, teamwork across disciplines, and ethical responsibility in applying AI, ensuring transparency, privacy, and good governance in business environments.

20134104 – Production and Operations Management (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Operations Research, Blended)

This course introduces students to the concepts and functions of production and operations management. It provides a detailed overview of theoretical foundations and practical techniques for optimizing input utilization and improving output quality while balancing efficiency and effectiveness. Topics include the fundamentals of production management in both manufacturing and service organizations, historical developments, strategic planning, product and process design, facility location analysis, plant layout, demand forecasting, and capacity planning. The course develops students' skills in applying quantitative methods to support production-related decision-making.

20543102 – Enterprise Resource Planning (ERP) Systems (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Fundamentals of Management Information Systems, Blended)

This course provides students with an introduction to the fundamental concepts of Enterprise Resource Planning (ERP) systems. It examines how information systems support and integrate business functions across organizational units, including human resources, inventory, sales, procurement, accounting, finance, customer support, marketing, and production. Topics include ERP infrastructure, system integration, ERP strategies, investment and implementation approaches, ERP life cycle, cloud computing in ERP systems, vendor selection, and ERP software solutions.



22354112 – Humanitarian Logistics and Sustainability (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Introduction to Supply Chain and Logistics Management, Blended)

This course introduces students to the concepts of humanitarian logistics and their role in responding to emergencies and disasters, along with the principles of environmental and social sustainability in supply chains. It covers mechanisms for resource planning and distribution in crises, needs assessment, and coordination with donors and relief organizations. The course develops students' skills in designing effective and sustainable logistics responses while considering environmental and ethical factors. It equips them with the competencies to integrate sustainability principles into humanitarian operations, preparing them to contribute to responsible and comprehensive logistics solutions in sensitive contexts.

20513204 – Cybersecurity in Business (3 Cr. Hrs, Lec: 2, Lab: 1, Prerequisite: Fundamentals of Management Information Systems, Face-to-Face)

This course focuses on the fundamental principles of cybersecurity and their application in modern business environments. It aims to provide students with the knowledge and skills required to protect digital information and systems from cyber threats, with a strong emphasis on the security challenges faced by commercial organizations. Topics include an introduction to cybersecurity, common cyber threats and attacks, organizational security policies and procedures, risk management, vulnerability assessment, compliance with regulatory standards (e.g., GDPR, ISO 27001), network and infrastructure security, and the role of employees in strengthening cybersecurity culture and awareness.

22354215 – Contemporary Issues in Logistics (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Introduction to Supply Chain and Logistics Management, Blended)

This course introduces students to current challenges and emerging trends impacting the logistics and supply chain sector in today's global context. It covers topics such as digital transformation, artificial intelligence, climate change, geopolitical crises, cybersecurity, and the instability of global supply chains. The course also examines specialized areas such as non-profit supply chains, healthcare supply chains, emergency logistics, disaster relief operations, and military-civilian logistics cooperation. It develops students' critical analysis and problem-solving skills, enabling them to propose resilient and sustainable logistics solutions within complex and dynamic environments.

22334216 – Graduation Project (3 Cr. Hrs, Lec: 0, Lab: 3, Prerequisite: Completion of 90 Cr. Hrs, Face-to-Face)

This capstone courses enables students to apply theoretical knowledge and practical skills acquired throughout their studies in developing an applied or research-based project in logistics and supply chain management. Students work on analyzing a real-world problem, designing an operational model, or conducting a case study under direct academic supervision. The course develops research, quantitative and qualitative analysis, report writing, and academic presentation skills. It equips students with comprehensive planning, implementation, and evaluation competencies, reflecting their readiness to enter the workforce or pursue graduate studies with high levels of professionalism.

22334217 – Field Training (3 Cr. Hrs, Lec: 0, Lab: 3, Prerequisite: Completion of 90 Cr. Hrs Face-to-Face)

This course provides students with the opportunity to gain practical experience by working and learning within an organizational setting. It helps students develop an understanding of their professional field and industry, enriching their educational experience. The internship is highly valuable in preparing students for their future careers by enhancing their applied knowledge, practical skills, and professional readiness.

**22323210 – Retail and Wholesale Logistics (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Purchasing Management, Blended)**

This course introduces students to logistics concepts and practices related to retail and wholesale operations within modern supply chains. It covers distribution characteristics in direct and indirect sales environments, inventory management, demand planning, and the selection of branch and distribution center locations. The course develops students' ability to analyze purchasing and consumption patterns and to design logistics strategies tailored to retail and wholesale needs. Students will acquire practical competencies in organizing physical and informational flows efficiently to ensure customer satisfaction and maximize business value.

22312218 – Supply Chain Integration (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Introduction to Supply Chain and Logistics Management, Blended)

This course provides students with an understanding of horizontal and vertical integration concepts within supply chains and their impact on improving operational efficiency and competitiveness. It covers coordination models among suppliers, manufacturers, distributors, and customers, as well as the role of information systems in achieving effective integration. The course develops students' skills in analyzing material and information flows, applying integration strategies across organizational functions, and designing initiatives that ensure rapid market responsiveness, waste reduction, and value creation throughout the supply chain.

22334121 – Project Management (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Transportation and Distribution Management, Blended)

This course provides students with the fundamental concepts and practical methods of planning, executing, and monitoring projects in logistics and managerial contexts. It covers the project life cycle, time, cost, and quality management, risk analysis, and team communication. The course develops students' proficiency in using modern project management tools and techniques such as Gantt charts, Critical Path Method (CPM), and project management software. It equips them with competencies in resource coordination and ensuring compliance with goals, schedules, and budgets, enhancing their ability to manage projects effectively in dynamic and complex environments.

20113108 – Entrepreneurship in Business (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Principles of Business Administration, Blended)

This course introduces students to the concept of entrepreneurship and its importance in establishing business ventures, with an emphasis on small businesses. It covers the fundamentals, characteristics, and requirements of entrepreneurship, as well as the key traits and skills of entrepreneurs. The course examines the foundations of entrepreneurial ventures, the challenges they face, and the strategies for overcoming them. It equips students with the necessary skills to transform entrepreneurial ideas into real-world projects, including the preparation of business, financial, marketing, and operational plans. Special emphasis is placed on the role of small businesses in serving as platforms for medium- and large-scale enterprises and their contribution to overall economic development.

20132206 – Total Quality Management (TQM) (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: Principles of Business Administration, Blended)

This course deepens students' understanding of the fundamental concepts and theories of quality and Total Quality Management (TQM), emphasizing their importance in achieving organizational competitiveness. It explores the historical development of TQM and highlights the contributions of its pioneers. The course also focuses on developing skills in analyzing organizational processes, identifying opportunities for improvement, and applying quality principles to enhance efficiency and effectiveness. Students will gain practical experience in designing and implementing quality management plans and evaluating their strategic impacts on cost reduction, organizational performance improvement, and market success.



**20123102 – Business Ethics (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)**

This course introduces students to the concepts of business ethics and corporate social responsibility, emphasizing their importance in organizational contexts. It focuses on developing critical and objective case analysis skills related to ethical dilemmas within organizations. Topics include distinguishing between ethical and unethical practices, addressing cases of administrative corruption, and understanding the role of governance principles in sustainable business practices. The course equips students with the ability to integrate ethical frameworks into organizational decision-making, supporting sustainability and accountability across various business sectors.

20132107 – Research Methodology (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course focuses on the foundations and principles of the scientific method in research. It introduces the concept of scientific research, various research methodologies, and the steps of the scientific process, including problem identification, hypothesis formulation, theoretical framework construction, and literature review. It covers research design, methodology development, sampling, and data collection tools. The course also trains students in conducting statistical analysis, interpreting data, and drawing valid conclusions. It aims to provide students with comprehensive competencies for academic and applied research in the business field.

20652102 – Commercial Legislation (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course examines the fundamental principles of commercial law, including its sources and applications. It covers commercial activities, merchants, commercial establishments, commercial contracts, negotiable instruments, and banking operations. The course provides students with a legal foundation for understanding and navigating the regulatory framework of business activities, enhancing their ability to apply legal concepts in practical contexts.

50551106 – Business Mathematics (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course focuses on the essential tools of mathematics and their application in solving real-world economic and business problems. Topics include equations and functions of different degrees, algebra, matrices, linear programming, logarithms, differentiation, and integration. Students will learn how to apply these mathematical tools to analyze and explain economic and managerial events, supporting informed decision-making in business contexts.

50531108 – Principles of Statistics for Business (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course covers fundamental statistical concepts and methods used in business. Topics include data collection and presentation through tables and graphs, measures of central tendency and dispersion, counting techniques, variance, binomial distribution, probability laws, random variables, sampling distributions, correlation, regression, and the correlation coefficient. The course equips students with analytical tools to interpret business data and support evidence-based decisions.

20121211 – Principles of Economics Science (3 Cr. Hrs, Lec: 3, Lab: 0, Prerequisite: None, Blended)

This course introduces students to the fundamental concepts of economics, covering both microeconomics and macroeconomics. On the micro level, it addresses supply and demand and their elasticity, consumer behavior and utility theory, production and costs, and market structures such as perfect competition and monopoly. On the macro level, it examines topics such as Gross Domestic Product (GDP), production possibilities, aggregate demand and supply, as well as consumption, saving, investment, and economic equilibrium. The course builds a foundational understanding of how economies operate at both the individual/firm level and the national level.