Program Structure: MSB – Operations and Logistics Management

Students 2025–26

Semester 1		
Course Name	**Advanced Microeconomics and Quantitative Techniques**	This course examines advanced microeconomic theories and quantitative techniques used in managerial and economic decision-making. It explores the behavior of consumers and producers under different market structures, including perfect competition, monopoly, oligopoly, and monopolistic competition, as well as the effects of externalities on market efficiency. The course analyzes pricing strategies, market performance, and public policies designed to address market inefficiencies. Through discussions, case studies, and problem-solving exercises, students develop analytical skills for evaluating economic behavior and business decisions in complex market environments.
Code	ECON 202-EC00	
# of Credits	3 Credits	
Course Name	**Decision Making for Business and Strategic Choices**	This course examines the principles and processes of managerial decision-making and strategic choice in organizations. It explores how managers formulate, evaluate, and implement strategies that align with organizational goals and enhance performance. The course analyzes strategic management concepts, organizational principles, and decision-making frameworks used to address complex business challenges. Through case studies and applied exercises, students develop the skills needed to assess strategic alternatives and support effective organizational decision-making.
Code	MGMT 202-EC00	
# of Credits	3 Credits	
Course Name	**Research Methods in Business**	This course introduces students to the principles and methods of scientific research in business from both methodological and epistemological perspectives. It provides a structured approach to formulating research questions, developing theoretical frameworks, and designing research projects. The course examines key data collection methods and analytical techniques used in business research and develops students' ability to interpret, structure, and communicate research findings effectively. Through this process, students acquire the skills needed to conduct rigorous and relevant business research.
Code	MRCH 201-EC00	
# of Credits	3 Credits	
Semester 2		
Course Name	**Legal Environment and Tax Regulations**	This course examines the legal and regulatory framework governing business activities in Lebanon. It provides an overview of key areas of law, including commercial law, civil law, civil procedure, labor law, and taxation. Topics include the judicial system, contracts, property transactions, commercial instruments, partnerships, corporations, commercial representation, franchise agreements, banking operations, labor relations, and social security provisions. The course also introduces the main principles and regulations of the Lebanese income tax system, enabling students to understand the legal and tax implications of business decisions.
Code	ECON 201-EC00	
# of Credits	3 Credits	
Course Name	**Advanced Macroeconomics**	This course examines advanced macroeconomic theories and their application to the analysis of economic conditions and policy decisions. It explores the behavior of open economies and analyzes the short- and long-term effects of macroeconomic policies on economic performance. Topics include aggregate demand and aggregate supply, the IS–LM model, the Mundell–Fleming model under different exchange rate regimes, and the relationship between inflation and unemployment. Through theoretical and applied analysis, students develop the skills needed to evaluate macroeconomic issues and policy outcomes in a global environment.
Code	ECON 203-EC00	
# of Credits	3 Credits	
Course Name	**Strategic Management**	This course examines the principles and practices of strategic management at the organizational level. It explores how senior managers formulate, implement, and evaluate strategies to achieve sustainable competitive advantage and long-term organizational success. The course focuses on strategic decision-making, resource allocation, market positioning, and the alignment of organizational capabilities with environmental opportunities and challenges. Through strategic frameworks and applied analysis, students develop the skills needed to assess strategic alternatives and guide organizational performance in competitive markets.
Code	MGMT 895-EC10	
# of Credits	3 Credits	
Semester 3		
Course Name	**Production and Operations Management**	This course examines the principles and practices of production and operations management and their role in creating value within organizations. It explores how people, processes, and technology are integrated to design, produce, and deliver goods and services efficiently and effectively. Topics include operations strategy, process design, product and service design, facility layout and workflow, process technologies, performance measurement, risk management, and continuous improvement. The course emphasizes the development of operational capabilities that support customer satisfaction, workforce effectiveness, and sustainable organizational performance.
Code	MGMT 203-EC00	
# of Credits	3 Credits	
Course Name	**Logistics Management**	This course examines the principles, concepts, and practices of contemporary logistics management and its role in organizational performance and supply chain effectiveness. It explores the strategic importance of logistics in creating value, reducing costs, and supporting competitive advantage in a global business environment. Topics include logistics systems, total cost analysis, procurement, inventory management, warehousing, materials handling, transportation, information technologies, and international logistics. The course also analyzes the relationships between logistics, supply chain management, and other business functions, enabling students to develop effective logistics solutions that support organizational objectives and customer requirements.
Code	MGMT 204-FC00	
# of Credits	3 Credits	
Course Name	**Supply Chain Management**	This course examines the principles and practices of supply chain management and their role in enhancing organizational performance and competitive advantage. It explores key concepts such as supply chain performance, strategic fit, supply chain drivers and metrics, coordination mechanisms, and the design of global supply chain networks. The course also analyzes contemporary challenges and opportunities in supply chain management, including outsourcing, ethical sourcing, sustainability, green supply chains, and the delivery of essential goods and services during disasters and humanitarian crises. Through the study of current practices and emerging trends, students develop the skills needed to design, evaluate, and manage effective and resilient supply chain networks.
Code	MGMT 205-FC00	
# of Credits	3 Credits	
Semester 4		
Course Name	**Procurement Management**	This course examines the principles and practices of procurement management and its role within the broader supply chain and organizational operations. It explores the processes involved in sourcing, acquiring, and managing materials and services while controlling costs and ensuring operational efficiency. The course emphasizes the integration of procurement with other business functions, including operations, engineering, marketing, and finance, to support organizational objectives. Students develop the analytical and managerial skills needed to evaluate procurement strategies, manage supplier relationships, and contribute to effective resource planning and utilization.
Code	MGMT 224-EC00	
# of Credits	3 Credits	
Course Name	**Senior Project**	This capstone course enables students to integrate and apply the knowledge, skills, and analytical techniques acquired throughout the graduate program. Students undertake a substantial project on a topic of academic or professional interest, which may take the form of a research study, a feasibility analysis for a new venture, or a field-based project addressing a real organizational challenge. Under the guidance of a qualified mentor, students conduct independent work that demonstrates critical thinking, problem-solving, and professional competence while contributing to academic knowledge or organizational development.
Code	MGMT 501-EM10	
# of Credits	3 Credits	