MASTERS OF SUPPLY CHAIN MANAGEMENT

Masters of Supply Chain Management at FMS offers an expansive **lock step-program** with students taking courses in **the cohort model** and the curriculum that provides opportunity to improve upon analytical capabilities, acquire new methods to measure supply chain operations and learn to manage increasingly global and dispersed supply chain organizations.

The Mastersof Supply Chain Management program is of two academic year's duration. Core courses are compulsory and will be offer in fall and spring.

KEY FEATURES:

Program Start:	February or September
Frequency:	Weekdays
Class Schedule:	Evenings
Program Duration:	2 years
Credit Hours:	36
Class Timings:	05:30 pm to 08:30 pm
Fee:	Rs. 5500/- per credit hour

ELIGIBILITY

i. 16 years education
ii. Preferably graduates of BBA, BS Engineering, BS Telecom, BS Computing programs from accredited institutions
iii. The student must have an undergraduate background of at least 20 semester hours in the Business sciences.
iv. Admission Test & Interview
v. A letter of interest and two letters of recommendation

CONCENTRATION STREAMS

Keeping in view the evolutionary nature of business knowledge, rapidly changing competitive industrial scenario, and sensing future knowledge demands of businesses in Pakistan, especially for those organizations in Logistics / Supply Chain Management and business technologies; F.M.S has decided to launch a two year program Masters of Supply Chain Management.

The Masters of Supply Chain Management at the Faculty of Management Sciences is designed for students seeking to focus their business education by developing a working expertise and knowledge in the different elements of the supply chain.

Foreign Qualified Faculty

The Masters in Supply Chain Management program will provide two streams –
STRATEGIC FOCUS; for those students interested in the Value Chain Creation through strategic SCM Management – with an emphasis in logistics, operations, and procurement;

SYSTEM ANALYSIS; for those students interested in the value of information and technology, and effective ways to use that information in optimizing supply operations and information.

STATE-OF-THE-ART CURRICULUM DESIGN

With a state-of-the-art curriculum, students are exposed to the latest conceptual developments and industry best-practices. Students will learn how these elements work together to create performance-driven operations.

The MS in Supply Chain Management is a relatively new interdisciplinary graduate degree that combines advanced coursework in management science(Distribution Network Design, logistics warehousing management, and supply chain strategy) with a set of technology enabled skill courses (Business Intelligence, data-mining, and ERP software), and a capstone applied industrial project.
MSCM is an exceedingly relevant specialized degree for a wide range of industries based in Islamabad/Rawalpindi i.e. data warehouses, telecom sector, retail sector, distribution, logistics companies, and development and aid agencies.

TO BE COMPLETED WHILE WORKING FULL TIME

The Masters of Supply Chain Management (MSCM) degree is a unique graduate program providing specific deeper knowledge of supply chain practices and technologies, in a structure that it allows it to be completed, while students are working full time.

As logistics and supply chain networks become increasingly complex, with tighter deadlines and greater financial risks from disruptions, supply chain professionals can benefit from additional education and credentials to assist them in their current position or to advance their careers in logistics or supply chain management. A master's degree in supply chain management will give students the higher-order skills and abilities to think in tandem about the people, processes, and technologies required for world-class integrated supply chain management.

EMPLOYABILITY

Supply chain professionals are sought after in a wide variety of industries, with new and growing opportunities in biotech, healthcare, cyber-security, aid/humanitarian logistics,

telecom, and retail/distribution.Thousands of supply chain jobs are going unfilled due to a lack of trained professionals. The Faculty of Management Sciences strives to bridge this talent gap. Our Master's program represents an opportunity for students to do so through comprehensive and involved courses.

LEARNING OUTCOMES

Student in the Master of Professional Studies in Supply Chain Management degree program will study proven theory, industry best practices, and new technologies in supply chain management. Upon graduation, you can be prepared to:

1. Solid understanding of supply chain management and effective practices
2. Assess fundamental dimensions of logistics strategy, innovation, transformation, and organizational leadership
3. Design and manage an effective supply chain:Improve the operational efficiencies of a supply chain
4. Understand and apply supply chain analytics
5. Conduct demand forecasting, aggregate planning, and sales and operations planning for a supply chain
6. Apply project management techniques in a logistics context
7. Understand the implications of supply chain initiatives in terms of key financial performance metrics
8. Analytical techniques for assuring quality and delivery performance and recognize and evaluate supply chain vulnerabilities and formulate approaches to mitigate supply chain risk
9. The ability to plan and manage a firm's production processes including logistics, selecting suppliers, moving materials and distributing finished products to customers.
10. Analyze markets and financial performance for improving supply chain.
11. Design, manage and optimize critical components of supply chain systems, organization and operations.
12. Integrate engineering and manufacturing practices to improve financial and operational performance of organization

For further queries and information email at: i_m_q@iiu.edu.pk

Masters in Supply Chain Management 2 Year Program

MSCM COURSE FLOWCHART

SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4

MGT711 Freight Transportation

OR

MGT715 Introduction to Lean Six Sigma

MGT721 Supply Security and Risk Management

OR

MGT716 Organizational Processes Design

MGT740 Strategic Sourcing, Purchasing, and Contract

AND

MGT725 Business Intelligence for Supply Chains

MGT800 Applied Industrial Project

STRATEGY FOCUSSPECIALIZATION COURSES

MGT701 Intro to Logistics and Supply Chain Systems

MGT710 Distribution Network Design

MGT730 Logistics Operations Methods and Warehousing Systems

MGT750 Global Operations and Supply Chain Strategy

ITM701 Database, Internet, and Systems Integration Technologies

FIN701 Supply Chain Finance

ITM740 Business Data Warehousing

SYSTEM ANALYSIS SPECIALIZATION COURSES

ITM720 ERP I: Business Planning and Control System

ITM730 ERP II: Business Process integration

ITM750 Business Intelligence

AND