

# FACULTY OF MANAGEMENT SCIENCES

- MP 5221 Project Cost Management
- MP 5223 Project Scheduling, Planning and Time Management
- MP 5314 Project Review, Assurance and Governance
- MP 5317 Supply Chain Management
- MP 5318 Business Analysis
- MP 5324 Risk Management Dynamics
- MP 5325 Project Simulation
- MP 5319 Project Change and Integration Management
- MP 5329 Project Communication for Stakeholder Management

This Elective courses list is not exhaustive and may vary from time to time. All courses may not necessarily be offered every year. Alternate courses may be substituted as and when required.

Students cannot register in Independent Research Study (IRS) or Thesis without completion of Research Methodology and Quantitative Tools for Research. Also, to register in thesis students

are required to complete course work before registering for Thesis.

The maximum course load for a semester is 12 credit hours. Courses are not offered on a regular basis in summer as it is not a regular semester.

All MSPM candidates are required to pass HAT relevant/GAT General with a minimum 50% score or GRE with minimum 300 score as applicable for the MS program.

## **MS (Project Management) Bridge Arrangement**

This arrangement allows MPM graduates to enhance their academic qualification. For MPM graduates, a maximum of 6 courses may be transferred to the MSPM program subject to passing the courses with a minimum 2.75-grade point, surrendering the MPM degree and enrolling for a minimum of two semesters. The Project, Project in Primavera, Software Tools/IT Tools for Project Management, and SAP Training are not transferrable towards MSPM degree completion requirements for MPM graduates.

## **Master of Science in Management Sciences**

There are two streams available for Master of Science in Management Sciences. One Stream is by Course Work and other one is by Research Work. In Course Work Stream, the student is required to complete 10 courses of 3 credit hours each and two course (1-credit hour each) on Understanding of Holy Quran (I & II) for Muslim student or Ethics and Morality for Non-Muslims students. In the Research Work Stream, the student is required to complete 8 courses of 3 credit hours each, 2 courses of 1 credit hour each and Two IRS OR one Thesis of 6 credit hours. In both the streams, 32 credit hours are to be completed. The time limit to earn an MS degree is from 1.5 to 4 years. The scheme of study for each stream is as follows:

### **1. Course Work Stream**

- Six Compulsory Courses
- Four Program Electives
- Two general education courses (02 Credit hours)
- No IRS or Thesis

### **Compulsory Courses**

- MS 5104 Strategic Marketing Decisions
- MS 5132 Applied Strategic Management
- MS 5137 Research Methods and Techniques
- MS 5204 Quantitative Tools for Research
- MS 5238 Strategic Human Resource Development
- MS 5318 Strategic Finance

Program Electives (Program Electives in any of following areas subject to the offering of Course)

- Finance
- Marketing
- Human Resource Management

### **2. Research Work Stream**

- Six Compulsory Courses
- Two general education courses (02 Credit hours)
- Two Program Electives
- Two IRS OR Thesis

### **Compulsory Courses**

- MS 5104 Strategic Marketing Decisions
- MS 5132 Applied Strategic Management
- MS 5137 Research Methods and Techniques
- MS 5204 Quantitative Tools for Research
- MS 5238 Strategic Human Resource Development
- MS 5318 Strategic Finance

Program Electives (Program Electives in any of following areas subject to the offering of Course)

- Finance
- Marketing
- Human Resource Management

# FACULTY OF MANAGEMENT SCIENCES

## First Year

Fall Semester		Pre-Req.
MS 5137	Research Methods and Techniques	----
MS 5132	Applied Strategic Management	----
MS 5238	Strategic Human Resource Development	----
MS 5104	Strategic Marketing Decisions	----
MS 5110	Understanding of Holy Quran-I OR	----
MS 5xxx	Ethics and Morlity-I	----

## Spring Semester

MS 5204	Quantitative Tools for Research	----
MS 5318	Strategic Finance	----
MS 5210	Understanding of Holy Quran-II OR	MS 5110
MS 5xxx	Ethics and Morlity-II	----
MS 5xxx	Program Elective I	----
MS 5xxx	Program Elective II	----

## Second Year

Fall Semester		Pre-Req.
MS 5xxx	Program Elective III	----
MS 5xxx	Program Elective IV	----

## PROGRAM ELECTIVES

### Finance

MS 5103	Managerial Economics
MS 5105	Econometrics
MS 5111	Derivatives and Financial Risk
MS 5113	Financial Time Series
MS 5115	Operations and Mathematical Modeling
MS 5134	Behavioral Finance
MS 5206	Modern Financial Applications
MS 5215	Corporate Finance
MS 5217	Corporate Finance Planning and Decisions
MS 5218	Financial Markets
MS 5237	Business Finance and Decision Making
MS 5317	Seminars in Finance
MS 5412	Islamic Banking and Finance
MS 5414	Applied Econometrics
MS 5421	Capital Asset Pricing Model
MS 5425	Empirical Asset Pricing
MS 5426	Mathematical Modeling in Finance
MS 5452	Applied Time Series Analysis for and Forecasting With Software
MS 5459	Financial Modelling with Software
MS 5461	Fintech/Data Science for Finance
MS 5469	Risk Management

### Marketing

MS 5301	Seminars in Marketing
MS 5422	Distribution and Channel Management
MS 5424	Strategic Brand Management

## First Year

Fall Semester		Pre-Req.
MS 5137	Research Methods and Techniques	----
MS 5132	Applied Strategic Management	----
MS 5238	Strategic Human Resource Development	----
MS 5104	Strategic Marketing Decisions	----
MS 5110	Understanding of Holy Quran-I OR	----
MS 5xxx	Ethics and Morlity-I	----

## Spring Semester

MS 5204	Quantitative Tools for Research	----
MS 5318	Strategic Finance	----
MS 5210	Understanding of Holy Quran-II OR	MS 5110
MS 5xxx	Ethics and Morlity-II	----
MS 5xxx	Program Elective I	----
MS 5xxx	Program Elective II	----

## Second Year

Fall Semester		Pre-Req.
MS 5xxx	IRS I and IRS II OR	----
MS 5xxx	Thesis (Part I)	----

## Spring Semester

MS 5xxx	Thesis (Part II)	-
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MS 5428	Global Marketing Strategies
MS 5429	Marketing Metrics
MS 5431	Strategic Entrepreneurial Marketing
MS 5432	Strategic Social Marketing
MS 5433	Advertising Research
MS 5434	Behavioral Marketing
MS 5453	Customer Relations Management
MS 5456	Digital Marketing and Social Media
MS 5465	Market Strategy and Forecasting
MS 5468	Retailing and Analytics

### Human Resource Management

MS 5101	Change Management
MS 5102	Organizational Development
MS 5202	Organizational Strategies and Effectiveness
MS 5203	Global Corporate Strategy
MS 5205	International Business Management
MS 5211	Creative Leadership
MS 5216	Corporate Governance
MS 5225	Leadership and Motivation Techniques
MS 5229	Negotiations and Conflict Resolution
MS 5241	Public Administration and Governance
MS 5245	System Thinking and Organizational Learning
MS 5303	Issues in Strategic Management
MS 5415	NGO Management
MS 5423	Global Governance and Development
MS 5427	Seminars in HRM