

# FACULTY OF MANAGEMENT SCIENCES

## 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. In the Research Work Stream, the student is required to complete 8 Courses and Two IRS OR one Thesis of Six credit hours. In both the streams, 30 credit hours are to be completed. The time limit to earn an MS degree is from 1.5 to 4 years. The detail of two streams is as follows:

### 1. MS By Course Work Stream

The Scheme of Study is as follows:

- Six Compulsory Courses
- Four Program Electives
- No IRS or Thesis

#### Compulsory Courses

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

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

- Finance
- Marketing
- Human Resource Management

### 2. MS By Research Work Stream

The Scheme of Study is as follows:

- Six Compulsory Courses
- Two Program Electives
- Two IRS OR Thesis

#### Compulsory Courses

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

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

- Finance
- Marketing
- Human Resource Management

## First Year

### Fall Semester

MS 5137	Research Methods and Techniques	-
MS 5132	Applied Strategic Management	-
MS 5238	Strategic Human Resource Development	-
MS 5104	Strategic Marketing Decisions	-

### Spring Semester

MS 5204	Quantitative Tools for Research	-
MS 5318	Strategic Finance	-
MS 5xxx	Program Elective I	-
MS 5xxx	Program Elective II	-

## Second Year

### Fall Semester

MS 5xxx	Program Elective III	-
MS 5xxx	Program Elective IV	-

## First Year

### Fall Semester

MS 5137	Research Methods and Techniques	-
MS 5132	Applied Strategic Management	-
MS 5238	Strategic Human Resource Development	-
MS 5104	Strategic Marketing Decisions	-

### Spring Semester

MS 5204	Quantitative Tools for Research	-
MS 5318	Strategic Finance	-
MS 5xxx	Program Elective I	-
MS 5xxx	Program Elective II	-

## Second Year

### Fall Semester

MS 5xxx	IRS I and IRS II OR	-
MS 5xxx	Thesis (Part I)	-

### Spring Semester

MS 5xxx	Thesis (Part II) If Any	-
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## PROGRAM ELECTIVES

### Finance

MS 5113	Financial Time Series
MS 5103	Managerial Economics
MS 5105	Econometrics
MS 5111	Derivatives and Financial Risk
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 5414	Applied Econometrics
MS 5421	Capital Asset Pricing Model
MS 5425	Empirical Asset Pricing
MS 5317	Seminars in Finance
MS 5426	Mathematical Modeling in Finance
MS 5412	Islamic Banking and Finance
MS 5461	Fintech/Data Science for Finance
MS 5452	Applied Time Series Analysis for With Software Forecasting
MS 5469	Risk Management
MS 5459	Financial Modelling with Software

### Marketing

MS 5301	Seminars in Marketing
MS 5422	Distribution and Channel Management
MS 5424	Strategic Brand Management
MS 5429	Marketing Metrics
MS 5431	Strategic Entrepreneurial Marketing
MS 5432	Strategic Social Marketing
MS 5428	Global Marketing Strategies
MS 5433	Advertising Research
MS 5434	Behavioral Marketing
MS 5456	Digital Marketing and Social Media
MS 5468	Retailing and Analytics
MS 5465	Market Strategy and Forecasting
MS 5453	Customer Relations Management

### 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

Program Elective courses 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 completing six compulsory courses.

Maximum course load for a semester is 4 courses (12 credit hours). Summer is not a regular semester; therefore, courses are not offered on a regular basis in summer. A student can take maximum two interdisciplinary elective courses in SS/CS/IT/ Media/MBA program with the prior approval of respective program managers.

