



Scheme of Studies of BS Aviation Management

SEMESTER 1

Course Code	Subject Name	Cr.Hrs	Pre-Req
Semester-I			
AF 102	Financial Accounting-I	3-0-3	-
BA 151	Principles of Management	3-0-3	-
HU 101	Communication Skills	3-0-3	-
HU 125	Pakistan Studies & Global Perspective	2-0-2	-
BA 113	Introduction to Computer Applications	3-0-3	-
PY 110	Introduction to Psychology	3-0-3	-
	Total Credit Hours	17	



SEMESTER 2

Semester-II			
AF 103	Financial Accounting-II	3-0-3	AF 102
BA 131	Microeconomics	3-0-3	-
MK 101	Principles of Marketing	3-0-3	-
HU 102	Skillful Reading and Writing	3-0-3	HU 101
MA 104	Business Mathematics	3-0-3	-
HU 214	Introduction to Sociology	3-0-3	-
	Total Credit Hours	18	



SEMESTER 3

Semester-III			
AM 200	Introduction to Aviation Management	3-0-3	-
AM 205	Aircraft General Knowledge	3-0-3	-
AM 231	Airport Marketing	3-0-3	-
BA 232	Macroeconomics	3-0-3	-
HU 205	Business Communication	3-0-3	HU 102
AF 251	Introduction to Business Finance	3-0-3	-
	Total Credit Hours	18	



SEMESTER 4

Semester-IV			
AM 222	Aviation Meteorology	3-0-3	-
AM 212	Airport Operations	3-0-3	-
MA 205	Business Statistics	3-0-3	-
AM 239	International Organizations in Aviation	3-0-3	-
AM 202	Ethical Issues in Aviation	3-0-3	-
HU 124	Islamic Studies & Ethics	2-0-2	-
	Total Credit Hours	17	



SEMESTER 5

Semester-V			
AM 346	Human Factors in Aviation	3-0-3	-
AM 322	Aviation Maintenance Management	3-0-3	-
HR 301	Human Resource Management	3-0-3	BA 151
AM 306	Aviation Law	3-0-3	-
AM 380	Introduction to Flight Operations	3-0-3	-
AM 390	Management of Air Cargo	3-0-3	-
	Total Credit Hours	18	



SEMESTER 6

Semester-VI			
AF 345	Managerial Accounting and Cost Control	3-0-3	AF 103
AM 307	Airline Operations and Management	3-0-3	-
AM 323	Aviation Security Management	3-0-3	-
AM 330	Airline Marketing	3-0-3	MK 101
AM 334	Aviation Economics	3-0-3	-
	Total Credit Hours	15	
AM 459	Summer Internship	Compulsory but Non Credit	



SEMESTER 7

Semester-VII			
AM ---	Elective 1	3-0-3	-
AM ---	Elective 2	3-0-3	-
AM 453	Airline Finance	3-0-3	AF 251
BA 252	Organizational Behavior	3-0-3	BA 151
BA 463	Business Research Methods	3-0-3	MA 205
	Total Credit Hours	15	



SEMESTER 8

Semester-VIII			
AM---	Elective 3	3-0-3	-
AM---	Elective 4	3-0-3	-
AM 447	Strategic Management in Airlines	3-0-3	-
AM 481	Safety Management System	3-0-3	-
AM 497	Final Year Project	3-0-3	-
	Total Credit Hours	15	
Grand Total		133 Cr. Hrs	



Flight and Operations Electives

Course Code	Subject Name	Cr. Hrs	Pre-Req
AM 445	Air Traffic Management	3-0-3	AM 212
AM 482	Airport and Environment	3-0-3	AM 212
AM 483	Aircraft Mass and Balance	3-0-3	AM 380
AM 484	Ground Handling Operations	3-0-3	AM 212
AM 485	Airport Planning and Design	3-0-3	AM 212
AM 486	Emergency Resource Planning and Management	3-0-3	AM 212



Cargo and Freight Electives

Course Code	Subject Name	Cr.Hrs	Pre-Req
AM 491	Aviation Equipment Acquisition & Disposal	3-0-3	AM 390
AM 492	Aviation Total Quality Management	3-0-3	AM 390
AM 495	Introduction to Automated Logistics Management System	3-0-3	AM 390
AM 493	Aviation Warehousing and Distribution	3-0-3	AM 390
AM 494	E-Business in Aviation	3-0-3	AM 390



Scheme Of Studies Of BUSINESS ADMINISTRATION

SEMESTER 1

Course Code	Subject Name	Cr.Hrs	Pre-Req
Semester-I			
AF 102	Financial Accounting-I	3-0-3	-
BA 151	Principles of Management	3-0-3	-
HU 101	Communication Skills	3-0-3	-
BA 113	Introduction to Computer Applications	3-0-3	-
HU 125	Pakistan Studies & Global Perspective	2-0-2	-
PY 110	Introduction to Psychology	3-0-3	-
	Total Credit Hours	17	



SEMESTER 2

Semester-II			
AF 103	Financial Accounting-II	3-0-3	AF 102
BA 131	Microeconomics	3-0-3	-
MK 101	Principles of Marketing	3-0-3	-
HU 102	Skillful Reading & Writing	3-0-3	HU 101
MA 104	Business Mathematics	3-0-3	-
HU 214	Introduction to Sociology	3-0-3	-
	Total Credit Hours	18	



SEMESTER 3

Semester-III			
AF 251	Introduction to Business Finance	3-0-3	
BA 232	Macroeconomics	3-0-3	-
BA 252	Organizational Behavior	3-0-3	BA 151
BA 257	Management Information System	3-0-3	-
HU 201	Business Communication-I	3-0-3	HU 102
MA 205	Business Statistics	3-0-3	-
	Total Credit Hours	18	



SEMESTER 4

Semester-IV			
HU 202	Business Communication-II	3-0-3	HU 201
AF 252	Financial Management	3-0-3	AF 251
HU 124	Islamic Studies and Ethics	2-0-2	-
MK 203	Consumer Behavior	3-0-3	-
BA 202	Logic & Critical Thinking	3-0-3	-
BA 260	Self-Development	3-0-3	-
	Total Credit Hours	17	



SEMESTER 5

Semester-V			
AF 345	Managerial Accounting and Cost Control	3-0-3	AF 103
PM 310	Operations Management	3-0-3	-
BA 356	Entrepreneurship	3-0-3	-
HR 301	Human Resource Management	3-0-3	BA 151
AF 353	Financial Institutions & Markets	3-0-3	AF 251
BA 305	Business Ethics	3-0-3	
	Total Credit Hours	18	



SEMESTER 6

Semester-VI			
MK 302	Marketing Management	3-0-3	MK 101
AF 227	Tax Management	3-0-3	AF 103
PM 311	Project Management	3-0-3	BA 151
BA 362	Business Law	3-0-3	-
MA 206	Statistical Inference	3-0-3	MA 205
	Total Credit Hours	15	
BA 447	Summer Internship	Compulsory but Non-Credit	



SEMESTER 7

Semester-VII			
MK 411	E-Commerce and Digital Marketing	3-0-3	BA 113
BA 409	Business Analytics	3-0-3	-
BA 463	Business Research Methods	3-0-3	MA 205
	Elective I	3-0-3	-
	Elective II	3-0-3	-
	Total Credit Hours	15	



SEMESTER 8

Semester-VIII			
BA 457	Business Policy and Strategic Management	3-0-3	-
BA 458	International Business Management	3-0-3	-
BA 499	Final Year Project/Thesis	3-0-3	-
	Elective III	3-0-3	-
	Elective IV	3-0-3	-
	Total Credit Hours	15	
Grand Total		133 Cr. Hrs	



Marketing Electives

Course Code	Subject Name	Cr. Hrs	Pre-Req
MK 432	Retail Marketing	3-0-3	MK 101
MK 441	Advertising and Event Management	3-0-3	MK 302
MK 436	International Marketing	3-0-3	MK 101
MK 451	New Product development	3-0-3	MK 101
MK 452	Brand Management	3-0-3	MK 203
MK 442	Personal Selling	3-0-3	MK 203
MK 444	Marketing Research	3-0-3	MK 203
MK 443	Customer Relationship Management	3-0-3	MK 203
MK 434	Services Marketing	3-0-3	MK 203
MK 471	Marketing Analytics	3-0-3	MK 101
MK 472	Entrepreneurial Marketing	3-0-3	MK 101
MK 473	Sales force Management	3-0-3	MK 101
MK 475	Design Thinking & Product Development	3-0-3	MK 101



Human Resource Electives

Course Code	Subject Name	Cr.Hrs	Pre-Req
HR 421	Performance and Compensation Management	3-0-3	HR 301
HR 431	Training and Development	3-0-3	HR 301
HR 422	Conflict and Negotiation Management	3-0-3	HR 301
HR 451	Organizational Design and Restructuring	3-0-3	HR 301
HR 453	Industrial Relations and Negotiations	3-0-3	HR 301
HR 454	Corporate Diplomacy	3-0-3	HR 301
HR 442	Change Management	3-0-3	HR 301
HR 423	Performance and Career Counseling	3-0-3	HR 301
HR 471	Motivation and Leadership	3-0-3	HR 301
HR 472	Personnel Psychology	3-0-3	HR 301
HR 473	Workforce Diversity	3-0-3	HR 301
HR 474	Occupational Health and safety management	3-0-3	HR 301
HR 481	HR Analytics	3-0-3	HR 301



Finance Electives

Course Code	Subject Name	Cr.Hrs	Pre-Req
AF 359	International Finance	3-0-3	AF 252
AF 358	Investment and Portfolio Management	3-0-3	AF 252
AF 482	Financial Risk Management	3-0-3	AF 252
AF 483	Islamic Finance	3-0-3	AF 252
AF 492	Analysis of Financial Statements	3-0-3	AF 252
AF 486	Financial Derivatives - Theory and Practice	3-0-3	AF 252
AF 488	Financial Restructuring	3-0-3	AF 252
AF 489	Strategic Financial Management	3-0-3	AF 252
AF 490	Investments	3-0-3	AF 252
AF 336	Corporate Governance	3-0-3	AF 252
AF 480	Micro Finance and SMEs	3-0-3	AF 252
AF 491	Rural Finance	3-0-3	AF 252
AF 484	Financial Modelling	3-0-3	AF 252



Project Management Electives

Course Code	Subject Name	Cr.Hrs	Pre-Req
PM 415	Topics in Project Management	3-0-3	PM 311
PM 416	Project Management Information System	3-0-3	PM 311
PM 471	Supply Chain Management	3-0-3	PM 311
PM 472	Contract and Procurement Management	3-0-3	PM 311
PM 481	Agile Project Management	3-0-3	PM 311
PM 482	Product Design and Development	3-0-3	PM 311
PM 483	Stakeholder and Team Development	3-0-3	PM 311
PM 484	Project Monitoring and Evaluation	3-0-3	PM 311
PM 485	Project Risk and Quality Management	3-0-3	PM 311
PM 486	Engineering Management	3-0-3	PM 311
Course Code	Subject Name	Cr.Hrs	Pre-Req
PM 415	Topics in Project Management	3-0-3	PM 311
PM 416	Project Management Information System	3-0-3	PM 311



Scheme of Studies of MS MANAGEMENT SCIENCES

SEMESTER 1

Course Codes	Course Title	Type	Credit Hours
Semester-I			
MS 601	Strategic Finance	Core	3-0-3
MS 605	Topics in Strategic Marketing	Core	3-0-3
	Elective 1	Elective	3-0-3
	Elective 2	Elective	3-0-3
Total Credit Hours			12



SEMESTER 2

Semester-II			
Course Codes	Course Title		Credit Hours
MS 701	Research Methods and Techniques	Core	3-0-3
MS 603	Issues and Challenges in Management	Core	3-0-3
	Elective 3	Elective	3-0-3
	Elective 4	Elective	3-0-3
Total Credit Hours			12



SEMESTER 3

Semester-III			
Course Codes	Course Title		Credit Hours
MS 799	Research Thesis/ Course Work	Thesis/Elective	6-0-6
Total Credit Hours			06
Grand Total			30



Elective Courses

Human Resource Management

HR 713	Contemporary Topics in Human Resource Management
HR 714	Strategic HRM: Concepts and Applications
HR 715	Industrial Psychology and Organizational Behavior
HR 723	Staffing and Performance Management
HR 733	Human Resource Development
HR 734	Organizational Development
HR 743	Human Capital Management
HR 744	Development and Retention
HR 745	Knowledge Management & HRIS
HR 746	Leadership and Motivational Skills



Project Management Electives

HR 761	Legal Systems, Labor Relations, and Regulatory Practices.
HR 762	Corporate Ethics
HR 763	Labor Laws
HR 764	Topics in Conflict and Negotiation Management
HR 771	Quantitative Research Methods in the Human Resource Management
HR 772	HR Analytics: Methods and Applications

Finance

AF 741	Money and Capital Markets
AF 742	Basil I & II
AF 743	Corporate Securities and Regulatory Framework
AF 744	Global Asset and Wealth Management
AF 751	Financial Theory
AF 754	Corporate Valuation
AF 755	Corporate Valuation Investment Analysis and Corporate Portfolio Management
AF 756	Dynamic Asset Pricing Theory
AF 761	Financial Risk Management
AF 763	Financial Derivatives
AF 765	International Finance
AF 766	Capital Risk Management
AF 772	Financial Econometrics
AF 773	Empirical Finance
AF 774	Financial Modeling
AF 782	SME and Rural Finance
AF 783	Islamic Banking and Finance
AF 784	Venture Capital and Private Equity

Marketing

MK 710	Marketing Strategy and Management
MK 711	Strategic Services Marketing
MK 712	International Marketing
MK 713	Strategies for Emerging Markets
MK 720	Topics in Advertising and Integrated Marketing Communications (IMC)
MK 721	Sales Management
MK 722	Business to Business Marketing
MK 723	Strategic Brand Management
MK 724	Integrated Marketing Communications
MK 725	Marketing in Hospitality and Tourism Industry
MK 726	Agriculture Marketing
MK 727	Social Media Advertising
MK 728	Digital Marketing
MK 730	The Psychology of Judgment and Decision Theory



Project Management Electives

MK 731	Topics in Consumer Behavior
MK 732	Consumer Behavior Models
MK 733	Culture and Persuasion
MK 734	Marketing Models
MK 735	Attitudes and Persuasion
MK 740	Distribution & Logistics
MK 750	Product Innovation & Development
MK 760	Customer Relationship Management
MK 770	Behavioral Research in Marketing
MK 771	Marketing Data Mining
MK 772	Bayesian Inference: Methods and Applications
MK 773	Quantitative Research in Marketing: Models and Methods
MK 774	Applied Marketing Analytics