

# University of Management & Technology, Lahore

Office of the Registrar, Johar Town C-II Lahore, Ph. #: 042-35212820



## Roadmap

Program Name: BS Aviation Management F2025001 & Onwards.

### Program Scheme of Studies

Structure of the Scheme	
<b>Courses Credit Hours</b>	
<b>Core Courses:</b> (Credit Hours)	51
<b>Foundation Courses :</b> (Credit Hours)	23
<b>Technical Electives:</b> (Credit Hours)	12
<b>Supporting Science:</b> (Credit Hours)	12
<b>Undergraduate 2.0 courses</b> (Credit hours)	35
<b>Total Credit Hours:</b>	133

## Program Road Map

Applicable to Batch No. F2025001 & Onwards

1 <sup>st</sup> Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
AS101	Introduction to Aviation	03	NIL	AM161	Aviation Law	03	NIL
EN110	English I	03	NIL	AM125	Airport Operations and Passenger Handling	03	AS101
QM110	Business Mathematics	03	NIL	EN123	English II	03	NIL
IS135	Computer Applications	03	NIL	QM230	Business Statistics	03	IS135
AM115	Meteorology and Flight Theory	03	NIL	MK210	Principles of Marketing	02	NIL
MG120	Principles of Management	02	NIL	AC125	Fundamentals of Accounting	03	NIL
ITC111	Understanding of Quran/Feh e Quran I	01	NIL				
<b>Semester Credit Hours</b>		18		<b>Semester Credit Hours</b>		17	
2 Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
AM203	Air Navigation and Air Traffic Management	3	AM161	AM322	Human Resource Management in Aviation	03	NIL
AM329	Air Cargo and Freight Handling	3	NIL	AM212	A/C Performance and Flight Simulation	02	AM203
ISL112	Islamic Thought and Perspectives	2	NIL	AM212L	A/C Performance	01	AM203

					and Flight Simulation Lab		
POL101	Pakistan Studies	2	NIL	POL121	Pakistan Ideology Constitution and Society	02	NIL
EC210	Microeconomics	2	NIL	EC220	Macroeconomics	03	EC210
AS220	Aviation English	3	NIL	SD210	Civics and Community Engagement	02	NIL
ITC122	Understanding of Quran/Fehm e Quran II	1	ITC111	AI210	Think AI	02	NIL
				SD222	Foreign Language	02	NIL
<b>Semester Credit Hours</b>		17		<b>Semester Credit Hours</b>		17	

### 3<sup>rd</sup> Year

Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
AM221	Aviation Safety Management	03	NIL	AS336	Human Factors in Aviation	03	AM221
AM332	Leadership Skills and Ethics in Aviation	03	NIL	FN340	Business Finance	03	AC300
MG330	Organizational Behaviour	03	NIL	QM210	Statistical Inferences	03	QM230
CH211	Everyday Sciences	02	NIL	AM411	Aviation Security	03	NIL
AS327	Aviation Entrepreneurship	02	NIL	AMXX X	Elective I	03	NIL
IS240	Management Information System	03	IS135	AMXX X	Elective II	03	NIL
AC300	Cost Accounting	3	NIL				
<b>Semester Credit Hours</b>		19		<b>Semester Credit Hours</b>		18	

### 4<sup>th</sup> Year

Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
AS310	Aviation Research Methods	03	NIL	AM431	Sustainable Aviation Practices/COOP	03	NIL
AM426	Aviation Strategy and Policy	03	NIL	AM321	Air Travel & Hospitality Management	03	NIL
AM328	Project Management in Aviation	03	NIL	AM425	Aviation Practicum/Thesis	03	AS310
AM421	Internship	03	NIL	SD102	21 <sup>st</sup> Century Skills	00	NIL
AMXX X	Elective III	03	NIL				
AMXX X	Elective IV	03	NIL				
SD100	English Immersion	00	NIL				
<b>Semester Credit Hours</b>		18		<b>Semester Credit Hours</b>		09	

**Total Credit Hours: 133**

**List of Electives (Add list of electives for this program)**

Aviation Marketing			
Sr No	Course Code	Course Title	Credit
			Hrs
1	AM401	Marketing For Aviation	3
2	MK477	Digital Marketing	3
3	MK401	Retail Marketing	3
Aviation Finance			
Sr No	Course Code	Course Title	Credit
			Hrs
1	AM418	Airline Commercial and Financial Management	3
2	AM419	Airport Financial Management	3
3	AM410	Financial Risk Management	3

**Aviation Supply Chain**

Sr No	Course Code	Course Title	Credit
			Hrs
1	OM345	Operations Management	3
2	AM420	Supply Chain Management	3
3	AM428	Logistics & Air Transport Management	3

**Aviation Operations Management**

Sr No	Course Code	Course Title	Credit
			Hrs
1	AM325	Airport Planning and Management	3
2	AM427	Airline Maintenance Management	3
3	AM402	Airline Operations Management	3