

# University of Management & Technology, Lahore

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



## Roadmap

Program Name: BS Aviation Management F2023001 & Onwards.

### Program Scheme of Studies

<b>Structure of the Scheme</b>	
<b>Courses</b>	<b>Credit Hours</b>
	134
<b>Core Courses:</b> (Credit Hours)	43
<b>General Education Courses :</b> (Credit Hours)	44
<b>Fieldwork/Internship:</b> (Credit Hours)	09
<b>Project:</b> (Credit Hours)	03
<b>Undergraduate 2.0 courses</b> (Credit hours)	35
<b>Total Credit Hours:</b>	134

## Program Road Map

**Applicable to Batch No. F2023001 & Onwards Session F2025**

<b>1<sup>st</sup> Year</b>								
<b>Fall Semester</b>				<b>Spring Semester</b>				
<b>Code</b>	<b>Course Title</b>	<b>Cr. Hrs.</b>	<b>Prerequisite</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr. Hrs</b>	<b>Prerequisite</b>	
AS101	Introduction to Aviation	03	NIL	AM161	Aviation Law	03	NIL	
EN110	English I	03	NIL	AM125	Airport Operations and Passenger Handling	03	NIL	
QM110	Business Mathematics	03	NIL	EN123	English II	03	NIL	
IS135	Computer Applications	03	NIL	QM230	Business Statistics	03	NIL	
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	
<b>Semester Credit Hours</b>		17		<b>Semester Credit Hours</b>		17		

## 2 Year

<b>Fall Semester</b>				<b>Spring Semester</b>				
<b>Code</b>	<b>Course Title</b>	<b>Cr. Hrs.</b>	<b>Prerequisite</b>	<b>Code</b>	<b>Course Title</b>	<b>Cr. Hrs</b>	<b>Prerequisite</b>	
AM203	Air Navigation and Air Traffic Management	3	AS101	AM322	Human Resource Management in Aviation	03		
AM329	Air Cargo and Freight Handling	3	NIL	AM212	A/C Performance and Flight Simulation	02		
ISL112	Islamic Thought and Perspectives	2	NIL	AM212L	A/C Performance and Flight Simulation Lab	01		

AC300	Cost Accounting	3	NIL	POL121	Pakistan Ideology Constitution and Society	02	
ECO202	Economics	2	NIL	QM210	Statistical Inferences	03	
AS221	Aviation English	2-1	NIL	SD210	Civics and Community Engagement	02	
ITC111	Understanding of Quran I	1	NIL	ITC122	Understanding of Quran II	01	
				XXX	Think AI	02	
<b>Semester Credit Hours</b>	17			<b>Semester Credit Hours</b>	16		

**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	AM322	AS328	Aviation Entrepreneurship	02	NIL
MG330	Organizational Behaviour	03	NIL	SD222	Foreign Language	02	NIL
CH211	Everyday Sciences	02	NIL	AM411	Aviation Security	03	NIL
FN340	Business Finance	03	NIL	AMXXXX	Elective I	03	NIL
IS240	Management Information System	03	NIL	AMXXXX	Elective II	03	NIL
XXX	Pakistan Studies	02	NIL				
<b>Semester Credit Hours</b>	19			<b>Semester Credit Hours</b>	17		

**4<sup>th</sup> Year**

Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite

AM424	Aviation Research Methods	03	NIL	AM430	Sustainable Aviation Practices/COOP	03	
AM426	Aviation Strategy and Policy	03	NIL	AM321	Air Travel & Hospitality Management	03	
AM328	Project Management in Aviation	03	NIL	AM425	Aviation Practicum/Thesis	03	
AM421	Internship	03	NIL	SD102	21 <sup>st</sup> Century Skills	00	
AMXXX	Elective III	03	NIL				
AMXXX	Elective IV	03	NIL				
SD100	English Immersion	00	NIL				
<b>Semester Credit Hours</b>		18		<b>Semester Credit Hours</b>		09	

**Total Credit Hours: 134**

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

<b>Aviation Marketing</b>			
Sr No	Course Code	Course Title	Credit
			Hrs
1	AM401	Marketing For Aviation	3
2	MK477	Digital Marketing	3
3	MK401	Retail Marketing	3
<b>Aviation Finance</b>			
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
<b>Aviation Supply Chain</b>			
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
<b>Aviation Operations Management</b>			
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

### **Compliance Certificate for UG 2.0**

**O** It is hereby certified that the General Education Courses have been incorporated into the roadmap of BS Aviation Management in accordance with the Undergraduate 2.0 Policy, duly approved by Academic Council vide Meeting No. 41 dated 30-07-2025.

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**Chairperson of Department**

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**Dean concerned**

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**Director AAQIC**

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**Registrar**