

# University of Management & Technology, Lahore

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



## Roadmap

Program Name: \_\_\_\_\_ BSAPP \_\_\_\_\_

### Program Scheme of Studies

Structure of the Scheme	
<b>Courses Credit Hours</b>	
<b>Core Courses:</b> (Credit Hours)	
<b>Foundation Courses :</b> (Credit Hours)	
<b>Major Courses:</b> (Credit Hours)	
<b>Technical Electives:</b> (Credit Hours)	
<b>General Electives:</b> (Credit Hours)	
<b>Supporting Science:</b> (Credit Hours)	
<b>University Electives:</b> (Credit Hours)	
<b>Undergraduate 2.0 courses</b> (Credit hours)	
<b>Total Credit Hours:</b>	122

## Program Road Map

Applicable to Batch No.   F2025423 & onwards   Session                     

1 <sup>st</sup> Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
EN110	English-I	03	NIL	PT223	Aircraft General Knowledge	03	NIL
AS101	Introduction to Aviation	03	NIL	EN123	English-II	03	EN110
IS135	Computer Applications	03	NIL	PT122	Air Law	03	NIL
QM110	Business Mathematics	03	NIL	PT123	Radio Telephony	03	NIL
CH211	Everyday Science	03	NIL	PT123L	Radio Telephony (LAB)	01	NIL
PT101	Principles of Flight	03	NIL	AM125	Airport Operations and Passenger Handling	03	AS101
<b>Semester Credit Hours</b>		18		<b>Semester Credit Hours</b>		16	
2 Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
AC125	Fundamentals of Accounting	3	NIL	MG120	Principles of Management	03	NIL
AS220	Aviation English	3	EN123	PT324	Aircraft General Knowledge – Instrumentation	03	NIL
PT335	Professional Flight Simulation I	1	PT123	PT322	Radio Navigation	03	NIL
ISL101	Islamic Studies	3	NIL	AM203	Air Navigation and Air Traffic Management	03	NIL
AS336	Human Factors in Aviation	3	NIL	PT336	Professional Flight Simulation II	01	PT335
PT301	Operational Procedures	3	PT122	PT231	Meteorology	03	NIL
<b>Semester Credit Hours</b>		16		<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
PT325	Flight Performance & Planning – Flight Planning & Monitoring	03	NIL	QM230	Business Statistics	03	NIL
PT323	Flight Performance & Planning - Mass & Balance	03	NIL	AS327	Aviation Entrepreneurship	03	NIL
PT220	General Navigation	03	NIL	PT313	Practical Flight Training-II	03	PT312
AM427	Airline Maintenance Management	03	NIL	AM328	Project Management in Aviation	03	NIL
PT326	Flight Performance & Planning – Aircraft Performance	03	NIL	SD100	English Immersion	03	NIL
PT312	Practical Flight Training-I	03	NIL	AM332	Leadership Skills & Ethics in Aviation	03	NIL
<b>Semester Credit Hours</b>		18		<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
POL121	Pakistan: Ideology, Constitution and Society	03	NIL	SD210	Civics and Community Engagement	02	
AS310	Aviation Research Methods	03	NIL	SD420	Foreign Language	03	
AM411	Aviation Security	03	NIL	AMXXX	Elective II	03	
AMXXX	Elective I	03	PT313	AM425	Aviation Practicum/Thesis	03	
SD102	21st Century Skills	00	NIL				
<b>Semester Credit Hours</b>		12		<b>Semester Credit Hours</b>		11	

**Total Credit Hours: 122**

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

<b>CC</b>	<b>Course Title</b>
PT414	Practical Flight Training III
PT415	Practical Flight Training IV
AM402	Airline Operations Management
AM301	Airport Planning and Management
AM329	Air Cargo and Freight Handling
AM221	Aviation Safety Management

**Compliance Certificate for UG 2.0**

**○ It is hereby certified** that the General Education Courses have been incorporated into the roadmap of BS APP F2025423 & onwards in accordance with the Undergraduate 2.0 Policy, duly approved by Academic Council vide Meeting No. 40<sup>th</sup> 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**