

BS - Aviation Management Road Map F2021, S2022

<u>Important Considerations</u>	<u>Credit Hours</u>
Total Credit Hours Offered	<u>136</u>
Foundation Courses	27
Compulsory Courses	27
Core Courses	48
General Education	22
Specialized/Electives	12

Semester-1

Sr.	CC	Course Title	Nature of Course	Cr Hr	Pre-requisite
1	AS101	Introduction to Aviation	CORE 1	3	NIL
2	AM114	Aviation Sciences	CORE 2	3	NIL
3	EN111	English Grammar and Comprehension	COMP 1	3	NIL
4	QM110	Business Mathematics	COMP 2	3	NIL
5	IS125	Computer Applications in Business	GNR 1	3	NIL
6	MG120	Principles of Management	FON 1	3	NIL

Semester-2

Sr.	CC	Course Title	Nature of Course	Cr Hr	Pre-requisite
1	AM161	Aviation Law	CORE 3	3	AM114
2	AM124	Airport Fundamentals	CORE 4	3	AS101
3	QM230	Business Statistics	COMP 3	3	IS125
4	EN125	Composition and Communication	COMP 4	3	EN111
5	AC125	Fundamentals of Accounting	GNR 2	3	NIL
6	MK210	Principles of Marketing	FON 2	3	NIL

Semester-3

Sr.	CC	Course Title	Nature of Course	Cr Hr	Pre-requisite
1	AM201	Airspace and Air Traffic Management	CORE 5	3	AM161
2	AM324	Air Cargo and Ground Handling Services	CORE 10	3	NIL
3	SD104	Corporate Social Responsibility	GNR 3	1	NIL
4	ISL101	Islamic Studies	COMP 5	3	NIL
5	AC300	Cost Accounting	GNR 4	3	AC125
6	EC210	Microeconomics	FON 3	3	NIL
7	EN220	Research Paper Writing and Presentation	COMP 6	3	EN125

Semester-4

Sr.	CC	Course Title	Nature of Course	Cr Hr	Pre-requisite
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1	AM322	Human Resource Management in Aviation	CORE 6	3	NIL
2	MK320	Marketing Management	FON 4	3	MK210
3	AM212	A/C Performance and Flight Simulations	CORE 7	2	AM201
4	AM212L	A/C Performance and Flight Simulations (Lab)	CORE 7	1	AM201
5	POL101	Pakistan Studies	COMP 7	3	NIL
6	EC220	Macroeconomics	FON 5	3	EC210
7	QM210	Statistical Inferences	GNR 5	3	QM230
Semester-5					
Sr.	CC	Course Title	Nature of Course	Cr Hr	Pre-requisite
1	AM221	Aviation Safety Management	CORE 8	3	AM 212
2	AM332	Leadership Skills and Ethics in Aviation	CORE 9	3	NIL
3	MG330	Organizational Behavior	GNR 6	3	MG120
4	OM320	Decision Models	FON 6	3	QM230
5	FN340	Business Finance	GNR 7	3	AC300
6	IS240	Management Information System	FON 7	3	IS125
Semester-6					
Sr.	CC	Course Title	Nature of Course	Cr Hr	Pre-requisite
1	OM345	Operations Management	COMP 8	3	OM320
2	AMxxx	Elective-I (Major 1)*	ELV 1	3	-
3	AMxxx	Elective-II (Minor)**	ELV 2	3	-
4	AS336	Human Factors in Aviation	CORE 11	3	NIL
5	AS327	Aviation Entrepreneurship	FON 9	3	NIL
6	SD420	Foreign Language	GNR 8	3	NIL
Semester-7					
Sr.	CC	Course Title	Nature of Course	Cr Hr	Pre-requisite
1	AS310	Aviation Research Methods	FON 8	3	QM210
2	AM426	Aviation Strategy and Policy	CORE 14	3	NIL
3	AM328	Project Management in Aviation	COMP 9	3	NIL
4	AM411	Aviation Security	CORE 14	3	NIL
5	AMxxx	Elective-III (Major II)	ELV 3	3	-
6	AMxxx	Elective-IV (Major III)	ELV 4	3	-
7	SD100	English Immersion	-	0	NIL
Semester-8					
Sr.	CC	Course Title	Nature of Course	Cr Hr	Pre -requisite
1	AM417	Environmental Factors in Aviation / COOP	CORE 13	3	NIL
2	AM320	Travel and Tourism in Aviation / COOP	CORE 12	3	NIL
3	AM425	Aviation Practicum/Thesis	CORE 15	3	AS310
4	AM421	Internship	CORE 18	0	NIL
5	SD102	21st Century Skills	-	0	NIL

Table 3.4.5 List of Electives

List of Electives				
Aviation Marketing				
Sr No	Course Code	Course Title	Credit Hrs	Pre-requisite
1	AM401	Marketing For Aviation	3	MK320
2	MK477	Digital Marketing	3	AM401
3	MK401	Retail Marketing	3	AM401
Aviation Finance				
Sr No	Course Code	Course Title	Credit Hrs	Pre-requisite
1	AM418	Airline Commercial and Financial Management	3	FN340
2	AM419	Airport Financial Management	3	AM418
3	AM410	Financial Risk Management	3	AM418
Aviation Supply Chain				
Sr No	Course Code	Course Title	Credit Hrs	Pre-requisite
1	AM420	Supply Chain Management	3	OM345
2	SM476	Supply Chain Design	3	AM420
3	AM428	Logistics & Air Transport Management	3	AM420
Aviation Management				
Sr No	Course Code	Course Title	Credit Hrs	Pre-requisite
1	AM325	Airport Planning and Management	3	AM124
2	AM427	Airline Maintenance Management	3	AM325
3	AM402	Airline Operations Management	3	AM325
* 1 major from specialized field.				
** 1 minor from any other specialized field.				

