



Roadmap

Program Name: BS Aviation Management

Program Scheme of Studies

| Structure of the Scheme | |
|--|-----|
| Courses Credit Hours | |
| Core Courses: (Credit Hours) | 51 |
| Foundation Courses: (Credit Hours) | 23 |
| Technical Electives: (Credit Hours) | 12 |
| General Electives: (Credit Hours) | 0 |
| Supporting Science: (Credit Hours) | 12 |
| University Electives: (Credit Hours) | 0 |
| Undergraduate 2.0 courses (Credit hours) | 35 |
| Total Credit Hours: | 133 |

Program Road Map

Applicable to Batch No. F2025001 Session F2025

| 1 st Year | | | | | | | |
|------------------------------|-------------------------------|----------|--------------|------------------------------|---|---------|--------------|
| Fall Semester | | | | Spring Semester | | | |
| Code | Course Title | Cr. Hrs. | Prerequisite | Code | Course Title | Cr. Hrs | Prerequisite |
| AS101 | Introduction to Aviation | 3 | Nil | AM161 | Aviation Law | 3 | Nil |
| AM115 | Meteorology and Flight Theory | 3 | Nil | AM125 | Airport Operations and Passenger Handling | 3 | AS101 |
| EN111 | English 1* | 3 | Nil | QM230 | Business Statistics* | 3 | IS125 |
| QM110 | Business Mathematics* | 3 | Nil | EN123 | English II* | 3 | EN111 |
| IS125 | Computer Applications* | 3 | Nil | AC125 | Fundamentals of Accounting | 3 | Nil |
| MG120 | Principles of Management* | 2 | Nil | MK210 | Principles of Marketing | 2 | Nil |
| ITC111 | Understanding of Quran-I * | 1 | Nil | | | | |
| Semester Credit Hours | | 18 | | Semester Credit Hours | | 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 | CH211 | Everyday Sciences* | 2 | Nil |
| AM329 | Air Cargo and Freight Handling | 3 | Nil | AM212 | A/C Performance and Flight Simulations | 2 | AM203 |
| ISL112 | Islamic Thoughts and Perspectives* | 2 | Nil | AM212L | A/C Performance and Flight Simulations (Lab) | 1 | AM203 |
| XXXX | Pakistan Studies* | 2 | Nil | POL121 | Pakistan: Ideology, Constitution and Society* | 2 | Nil |
| EC210 | Microeconomics | 3 | Nil | EC220 | Macroeconomics | 3 | EC210 |
| AS220 | Aviation English | 3 | Nil | AS327 | Aviation Entrepreneurship* | 2 | Nil |
| ITC122 | Understanding of Quran-II * | 1 | ITC111 | SD210 | Civics and Community Engagement* | 2 | Nil |
| | | | | XXXX | Think AI* | 2 | |

AS210

| | | | | | | |
|--------------|----|--|-----------------------|-------------------|----|-----|
| | | | SD420 | Foreign Language* | 2 | Nil |
| Credit Hours | 17 | | Semester Credit Hours | | 18 | |

3rd Year

| Fall Semester | | | | Spring Semester | | | |
|------------------------------|--|----------|--------------|------------------------------|---------------------------|----------|--------------|
| Code | Course Title | Cr. Hrs. | Prerequisite | Code | Course Title | Cr. Hrs. | Prerequisite |
| AM221 | Aviation Safety Management | 3 | Nil | AMxxx | Elective-I (Major I)* | 3 | Nil |
| AM332 | Leadership Skills and Ethics in Aviation | 3 | Nil | AMxxx | Elective-II (Minor)** | 3 | Nil |
| MG330 | Organizational Behavior | 3 | MG120 | AS336 | Human Factors in Aviation | 3 | Nil |
| IS240 | Management Information System | 3 | IS125 | FN340 | Business Finance | 3 | AC300 |
| AC300 | Cost Accounting | 3 | | AM411 | Aviation Security | 3 | Nil |
| AM322 | Human Resource Management in Aviation | 3 | Nil | QM210 | Statistical Inferences | 3 | QM230 |
| Semester Credit Hours | | 18 | | Semester Credit Hours | | 18 | |

4th Year

| Fall Semester | | | | Spring Semester | | | |
|------------------------------|--------------------------------|----------|--------------|------------------------------|---|----------|--------------|
| Code | Course Title | Cr. Hrs. | Prerequisite | Code | Course Title | Cr. Hrs. | Prerequisite |
| AS310 | Aviation Research Methods | 3 | QM210 | AM430 | Sustainable Aviation Practices /COOP | 3 | Nil |
| AM426 | Aviation Strategy and Policy | 3 | Nil | AM321 AM321 | Air Travel & Hospitality Management/ COOP | 3 | Nil |
| AM328 | Project Management in Aviation | 3 | Nil | AM425 | Aviation Practicum/Thesis | 3 | AS310 |
| AM421 | Internship | 3 | Nil | SD102 | 21st Century Skills | 0 | Nil |
| AMxxx | Elective-III (Major II) | 3 | Nil | | | | |
| AMxxx | Elective-IV (Major III) | 3 | Nil | | | | |
| SD100 | English Immersion | 0 | Nil | | | | |
| Semester Credit Hours | | 18 | | Semester Credit Hours | | 9 | |

Total Credit Hours: 133

*General education course

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

| Aviation Marketing | | |
|-----------------------|---|---|
| AM401 | Marketing For Aviation ✓ | 3 |
| MK477 | Digital Marketing ✓ | 3 |
| MK401 | Retail Marketing ✓ | 3 |
| Aviation Finance | | |
| AM418 | Airline Commercial and Financial Management ✓ | 3 |
| AM419 | Airport Financial Management ✓ | 3 |
| AM410 | Financial Risk Management ✓ | 3 |
| Aviation Supply Chain | | |
| AM420 | Supply Chain Management ✓ | 3 |
| AM428 | Logistics & Air Transport Management ✓ | 3 |
| OM345 | Operations Management ✓ | 3 |
| Aviation Management | | |
| AM301 | Airport Planning and Management ✓ | 3 |
| AM427 | Airline Maintenance Management ✓ | 3 |
| AM402 | Airline Operations Management ✓ | 3 |

Compliance Certificate for UG 2.0

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 Meeting No. 41st dated Aug 11, 2025

○ The General Education Courses are not compliant with the Undergraduate 2.0 Policy due to the requirements of the respective Accreditation Council, as detailed below:

| Sr | UG 2.0 | | Deviation | | Reason |
|----|---------------------------------|--------|---------------------------|--------|--|
| | Course Title | Cr Hrs | Course Title | Cr Hrs | |
| 1 | Innovation and Entrepreneurship | 2 | Aviation Entrepreneurship | 2 | The course is already offered in the school and the students of four different degree programs are taking it |

[Signature]
Bilal Ahmad
 Chairperson of Department
 17-NOV-2025

[Signature] 17-11-2025
Dean concerned

[Signature]
Director AAQIC
 25-11-2025

Registrar

[Signature]
 Received
 22/11/25