

University of Management & Technology, Lahore

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



Roadmap

Program Name: BBIS __Bachelor of Business and Information Systems__

Program Scheme of Studies

Structure of the Scheme	
Courses Credit Hours	129
Core Courses: (Credit Hours)	79
Foundation Courses : (Credit Hours)	
Major Courses: (Credit Hours)	
Technical Electives: (Credit Hours)	
General Electives: (Credit Hours)	15
Supporting Science: (Credit Hours)	
University Electives: (Credit Hours)	
Undergraduate 2.0 courses (Credit hours)	35(16)
Total Credit Hours:	129

Program Road Map

Applicable to Batch No. 31 Session F2025

1 st Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
EN-110	(English 1)	3		ISL112	Islamic Thought and Perspective	2	
QM-110	Business Mathematics	3		QM-230/120	Business Statistics	3	Business Mathematics
IS-135	Computer Applications	3		EN125	English II	3	(English 1)
POL121	Pakistan: Ideology, Constitution and Society	2		EC225/202	Business Economics	3	
MG-111	Introduction to Business	3		CH211	Everday Science	2	
AC-125	Fundamentals of Accounting	3		CS211	Programming Fundamentals	3	Computer Applications
	Fehm e Quran I	1			Pakistan Studies	2	
Semester Credit Hours		18		Semester Credit Hours		18	
SD210 Civic and Community Engagement (2) I st Summer							
2 Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
SD110/221	Life & Learning	2		IS230	Emerging Technologies	3	Computer Applications
MG120	Principles of Management	3	Introduction to Business	FN340	Business Finance	3	Cost Accounting
PHY110	Psychology of Mind and Behaviour	2	English II	MK210	Principles of Marketing	3	
IS250	Database Management Systems	3	Computer Applications	IS240	Management Information System	3	Database Management Systems

MG230	Business Law	3	Introduction to Business	IT412	IT Project Management	3	Database Management Systems
AC300	Cost Accounting	3	Fundamentals of Accounting	IS360	Data Communication and Networking	3	Computer Applications
	Fehm e QuranII	1					
Semester Credit Hours		17		Semester Credit Hours		18	

SDW491 Internship (0) 2nd Summer

3 rd Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
FN440	Financial Management	3	Business Finance	IS495	Enterprise Resource Planning	3	Computer Applications
IS371	Introduction to Data Science	3	Programing Fundamentals	MK435	Business Research & Intelligence	3	Principles of Marketing
IS351	Data Warehousing & Data Mining	3	Database Management Systems	MG350	Managing Human Capital	3	Introduction to Business
EN310	English for Specific Purposes	3	Research Paper Writing and Presentation	OM320	Decision Models	3	Business Statistics
MG224	Entrepreneurship	2		IS490	Elective 1 Decision Support System	3	
SD100	English Immersion	0		SD102	21st Century Skills	0	
	Think AI	2		EN220	Research Paper Writing and Presentation	3	
Semester Credit Hours		16		Semester Credit Hours		18	

4 th Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
OM346	Production Operations Management	3	Decision Models	MG480	Business Strategy	3	Introduction to Business
IS391	Business Analytics	3	Management Information System	IS485	Elective 4 Machine Learning	3	

IS401	Elective 2 ERP Finance	3		IS480	Elective 5 Web Marketing Analytics	3	
IS404	Elective 3 ERP Supply Chain Management	3					
SD103	English Immersion 3	1					
Semester Credit Hours		13		Semester Credit Hours		9	

Total Credit Hours: 129

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

IS490 Decision Support System
IS401 ERP Finance
IS404 ERP Supply Chain Management
IS485 Machine Learning
IS480 Web Marketing Analytics
IS470 Big Data Management
IS402 ERP-CRM
COP401 Coop Work Place Experience
MK477 Digital Marketing

Compliance Certificate for UG 2.0

○ **It is hereby certified** that the General Education Courses have been incorporated into the roadmap of Business & Information Systems in accordance with the Undergraduate 2.0 Policy, duly approved by Academic Council vide Meeting No. 36th dated 05-12-2023.

○ **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:

UG 2.0			Deviation		Reason
Sr	Course Title	Cr Hrs	Course Title	Cr Hrs	
1					
2					

Chairperson of Department

Dean concerned

Director AAQIC

Registrar