

University of Management & Technology, Lahore

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



Roadmap

Program Name: BS- Fintech and Cryptocurrency

Program Scheme of Studies

Structure of the Scheme	
Courses Credit Hours	134
Core Courses: (Credit Hours)	
Foundation Courses : (Credit Hours)	4(12)
Major Courses: (Credit Hours)	19 (57)
Technical Electives: (Credit Hours)	3(9)
General Interdisciplinary/Allied: (Credit Hours)	5(15)
Supporting Science: (Credit Hours)	NA
University Electives: (Credit Hours)	2 (0)
Undergraduate 2.0 courses (Credit hours)	16 (35)
Internship and Capstone Project	2(6)
Total Credit Hours:	51/(134)

Program Road Map

Applicable to Batch No. 01 Session Fall2025

1 st Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
EN-110	English I	3		EN-123	English II	3	EN-110
QM-110	Business Mathematics	3		QM-230	Business Statistics	3	QM-110
IS-135	Computer Applications	3		MG-120	Principles of Management	3	MG-111
MG-111	Introduction to Business	3		POL-121	Pakistan, Ideology & Constitution	3	
EC-224	Introduction to Microeconomics	3		AC-220	Managerial Accounting	3	AC-125
AC-125	Financial Accounting	3		EC-227	Introduction to Macroeconomics	3	EC-210
				ITC111	Fehm-e-Quran I	3	
Semester Credit Hours		18		Semester Credit Hours		18	
2 Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
SD-221	Life & Learning	3		POL-101	Pakistan Studies	3	
CH-211	Everyday Science	3		PHY-110	Psychology of Mind and Behavior	3	
MK-210	Principles of Marketing	3		ISL-112	Islamic Thought and Perspectives	3	
OM-320	Decision Models	3	QM-230	FN-340	Business Finance	3	AC-125
IS-371	Introduction to Data Science	3		IS-240	Management Information Systems	3	IS-135
CS-211	Programming Fundamentals	3		FC-210	Essentials of Blockchain for Business and Technology	3	
ITC122	Fehm-e-Quran II	1					
Semester Credit Hours		17		Semester Credit Hours		15	
1st Summer – SD210 Civics and Community Service - 2 Credit Hours							

3 rd Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
CS-3152	Introduction to Artificial Intelligence	3		QM-310	Statistical Inferences	3	
FC-310	Fintech Risk and Compliance	3		MK-435	Business Research and Intelligence	3	
IS-410	E- Business	3	IS-240	FC-320	Regulatory and Ethical Issues in Fintech	3	
FN-440	Financial Management	3	FN-340	MG-350	Managing Human Capital	3	
MG-224	Innovation & Entrepreneurship	2	MK-210	IS-485	Machine Learning	3	
SD-100	English Immersion	0		QM-310	Statistical Inferences	3	
AI210	Think AI						
Semester Credit Hours		16		Semester Credit Hours		15	
3 rd Summer – Internship – (3 Credit Hours)							
4 th Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
SD-102	21st Century Skills	0	SD-100	MG-480	Business Strategy	3	
EN310	English for Specific Purposes	3	EN-220		Elective 1	3	
MG-230	Business Law	3	MG-221		Elective 2	3	
FC-420	Financial Modelling	3			Elective 3	3	
CC-361	Information Security	3		FC-412	Capstone Project	3	
FC-410	Introduction to Crypto Currency and Digital Assets	3					
Semester Credit Hours		15		Semester Credit Hours		15	

Total Credit Hours: 134

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

1. Block Chain and Digital Finance-FN481
2. Financial Risk Management with AI tools
3. Global Finance
4. Contemporary issues in FinTech/Cryptocurrency -FN499
5. CAAT – Computer Assisted Audit Techniques-FN487
6. Entrepreneurial Finance-FN484
7. Forensic Auditing –AU441
8. Governance Theory and Practice-AU445
9. Family Business Management-AU446
10. SME, Micro Finance and Agri. Finance-EC420
11. Islamic Finance-FN483
12. Cyber Security CY361