

BACHELOR OF SCIENCE IN FINANCIAL TECHNOLOGY
(BSFINTECH) (4 YEARS)

Scheme of study

SUMMARY	Cr.Hrs
General Courses	31
Allied/Interdisciplinary Courses	12
Disciplinary/Major Courses	83
Internship/Field Experience	03
Capstone Project	03
Total	132

SEMESTER-I

S.No	Course Code	Course Title	Credit Hours	Category
1.	CSC-100	Application of Information and Communication Technologies(ICT)	3 (2-3)	General
2.	ENG-301	Functional English	3 (3-0)	General
3.	IS-302	Islamic Studies/Ethics	2 (2-0)	General
4.	SSH-303	Pakistan Studies	2 (2-0)	General
5.	MGT-321	Fundamentals of Accounting	3 (3-0)	Disciplinary
6.	MGT-411	Principles of Management	3 (3-0)	Disciplinary
7.	TOQ-301	Translation of Quran	NC	
Total Credit Hours			16	

SEMESTER-II

S.No	Course Code	Course Title	Credit Hours	Category
1.	ENG-302	Expository Writing	3 (3-0)	General
2.	SSH-302	Ideology and Constitution of Pakistan	2 (2-0)	General
3.	SOS-302	Seerat Studies	2 (2-0)	General
4.	MGT-391	Business Mathematics	3 (3-0)	Allied
5.	ECON-302	Introduction to Microeconomics	3 (3-0)	Allied
6.	MGT-322	Financial Accounting	3 (3-0)	Disciplinary
Total Credit Hours			16	

SEMESTER-III

S.No	Course Code	Course Title	Credit Hours	Category
1.	MGT-424	Introduction to business finance	3 (3-0)	Disciplinary
2.	MGT-351	Principles of Marketing	3 (3-0)	Disciplinary
3.	SSH-301	Civics and Community Development	2 (2-0)	General
4.	MGT-444	Digital Entrepreneurship	3 (2-3)	General
5.	QR-401	Quantitative Reasoning-I	3 (3-0)	General
6.	ECON-304	Introduction to Macroeconomics	3 (3-0)	Allied
7.	TOQ-401	Translation of Quran	NC	
Total Credit Hours			17	

SEMESTER-IV

S.No	Course Code	Course Title	Credit Hours	Category
1.	MGT-525	Financial Management	3 (3-0)	Disciplinary
2.	MGT-638	International Finance	3 (3-0)	Disciplinary
3.	CSC-101	Programming fundamentals	4 (3-3)	Disciplinary
4.	MGT-493	Business Research Methods	3 (3-0)	Allied
5.	QR-402	Quantitative Reasoning-II	3 (3-0)	General
6.	ANTH-401	Social Psychology	3 (3-0)	General
Total Credit Hours			19	

SEMESTER-V

S.No	Course Code	Course Title	Credit Hours	Category
1.	MGT-502	Principles of Auditing	3 (3-0)	Disciplinary
2.	MGT-602	Business Taxation	3 (3-0)	Disciplinary
3.	MGT-351	Principles of Marketing	3 (3-0)	Disciplinary
4.	CSC-103	Database systems	4 (3-3)	Disciplinary
5.	MGT-597	Financial Markets & Institutions	3 (3-0)	Disciplinary
6.	TOQ-501	Translation of Quran	NC	
Total Credit Hours			16	

SEMESTER-VI

S.No	Course Code	Course Title	Credit Hours	Category
1.	MGT-599	Financial Reporting	3 (3-0)	Disciplinary
2.	FINT-501	Data structure & Algorithms in financial analysis	3 (2-3)	Disciplinary
3.	MGT-631	Securities Analysis & Portfolio Management	3 (3-0)	Disciplinary
4.	FINT-502	Artificial Intelligence in business decision	3 (3-0)	Disciplinary
5.	FINT-503	Fintech and financial Transformation	3 (3-0)	Disciplinary
Total Credit Hours			15	

SEMESTER-VII

S.No	Course Code	Course Title	Credit Hours	Category
1.	FINT-601	Block chain technology for business	3 (3-0)	Disciplinary
2.	FINT-602	Business analytics	3 (3-0)	Disciplinary
3.	MGT-512	Organizational Behavior	3 (3-0)	Disciplinary
4.		ELECTIVE-I	3 (3-0)	Disciplinary
5.		ELECTIVE-II	3 (3-0)	Disciplinary
6.	TOQ-601	Translation of Quran	NC	
Total Credit hours			15	
7.	MGT-698	Internship	3 (0-6)	
Total Credit Hours			18	

SEMESTER-VIII

S.No	Course Code	Course Title	Credit Hours	Category
1.	MGT-632	Introduction to Financial Risk Management	3 (3-0)	Disciplinary
2.	MGT - 606	Accounting information system	3 (3-0)	Disciplinary
3.		ELECTIVE-III	3 (3-0)	Disciplinary
4.		ELECTIVE-IV	3 (3-0)	Disciplinary
Total Credit Hours : 12				
5.	MGT-699	Project	3 (0-6)	
Total Credit Hours : 15				

Elective courses

Sr.No.	Course Code	Course Title	Credit Hours
Finance electives			
1	FINT-611	Digital Derivatives & Fintech Advances	3 (3-0)
2	FINT-612	Financial Modeling& Simulations	3 (3-0)
3	FINT-613	Fintech-Enhanced Stock Trading	3 (3-0)
4	FINT-614	Fintech Startups and Entrepreneurship	3 (3-0)
Technology electives			
5	FINT-621	Cryptography for Finance	3 (3-0)
6	FINT-622	Digital Banking	3 (3-0)
7	CSC-251	Web Technologies	3 (2-3)
8	FINT-623	Machine Learning in Finance	3 (3-0)
9	FINT-624	Data Visualization	3 (3-0)
10	CSC-202	Information Security	3 (2-3)