

Proposed Roadmap of BS Digital Accounting and Analytics (F2023 - S2025)

Semester 1

Sr. No.	Course Code	Course Title	Credit Hours	Course Type
1	EN110	English-I	3	General Education Compulsory
2	IS135	Computer Applications (Theory & Lab)	3	General Education Compulsory
3	ISL112	Islamic Thought and Perspectives	3	General Education Compulsory
4	MA101	Calculus	3	General Education Compulsory
5	ACC101	Principles of Accounting	3	Foundation Course
6	MG201	Introduction to Business	3	Interdisciplinary Course
Semester Credit Hours			18	

Semester 2

7	EN123	English-II	3	General Education Compulsory
8	QM230	Business Statistics	3	General Education Compulsory
9	EC212	Principles of Economics	3	Interdisciplinary Course
10	AC225	Financial Accounting	3	Foundation Course
11	CC111	Programming Fundamentals (Theory & Lab)	4	Foundation Course
Semester Credit Hours			16	

Semester 3

12	SD222	Foreign Language (<i>Arts and Humanities Elective</i>)	3	General Education Compulsory
13	SOC102	Understanding Society & Socio-Cultural Dynamics (<i>Social Sciences Elective</i>)	3	General Education Compulsory
14	CH211	Everyday Science (<i>Natural Sciences Elective</i>)	3	General Education Compulsory
15	DA230	Introduction to Digital Accounting	3	Foundation Course
16	DA235	Accounting Information Systems	3	Major Course
17	QM220	Statistics and Data Modelling	3	Major Course
Semester Credit Hours			18	

Semester 4

18	SD210	Civics and Community Engagement	2	General Education Compulsory
19	POL121	Pakistan: Ideology, Constitution and Society	3	General Education Compulsory
20	CC230	Databases Systems (Theory & Lab)	4	Major Course
21	AC332	Cost and Management Accounting	3	Major Course
22	LT231	Business Law	3	Major Course
23	DA240	Introduction to Analytics	3	Major Course
Semester Credit Hours			18	

Semester 5

24	SD100	English Immersion	0	University Compulsory
25	AC377	Corporate Financial Reporting	3	Major Course
26	FN350	Business Finance	3	Major Course
27	DA305	Accounting Data Analytics	3	Major Course
28	AC354	Managerial Accounting & Business Intelligence	3	Major Course
29	MG353	Principles of Management	3	Interdisciplinary Course
Semester Credit Hours			15	
Semester 6				
30	SD102	21st Century Skills	0	University Compulsory
31	MK350	Principles of Marketing	3	Interdisciplinary Course
32	LT345	Taxation Principles and E filing System	3	Major Course
33	AC395	Audit and Assurance	3	Major Course
34	DA330	Spreadsheet Modelling for Analytics	3	Major Course
35	FN495	Coporate Finance	3	Major Course
36	MK430	Business Research Methods	3	Major Course
Semester Credit Hours			18	
Semester 7				
37	MG224	Innovation and Entrepreneurship	3	General Education Compulsory
38	DA355	Data Analysis and Visualization	3	Major Course
39	DA410	Accounting Information System Audit	3	Major Course
40	FN438	Financial Statement Analytics	3	Major Course
41	AC477	Forensic Accounting and Fraud Examination	3	Major Course
42	FN493	Fintech	3	Major Course
Semester Credit Hours			18	
Semester 8				
43	DA415	Blockchain Technology in Accounting	4	Major Course
44	DA430	ERP System and Implementation	3	Major Course
45	DA499	Capstone Project/ COOP Industrial Experience	6	Major Course
Semester Credit Hours			13	
Total Program Credit Hours			134	