

Business Information System (BIS)

Program Structure

Semester I

Sr. No.	Course Name	Domain	Credit Hours
1.	English Composition and Comprehension	Foundation I (HUM-1011)	2
2.	Business Mathematics	Foundation II (BS-1012)	3
3.	Fundamental Accounting	Foundation III (BIS-1013)	2
4.	Managing Human Capital	Breadth I (BIS-1211)	2
5.	Philosophy	Breadth II (HUM-1212)	2
6.	Introduction to programming	Foundation IV (CSE-1111)	3+1
6.	Introduction to Business	Core I (BIS-1311)	2
Total			16+1=17

Semester II

Sr. No.	Course Name	Domain	Credit Hours
1.	Communication Skills	Foundation VI (HUM-1021)	2
2.	Applied Calculus and Numerical Analysis	Breadth III (BS-1022)	3
3.	Critical thinking	Breadth IV (HUM-1023)	2
4.	Accounting in business	Foundation VII (BIS-1121)	3
5.	Economics	Breadth V (BIS-1221)	3
6.	English Immersion Course	English Immersion Course (HUM-1024)	2
TOTAL			15

Semester III

Sr. No.	Course Name	Domain	Credit Hours
1.	English for Business	Foundation IX (HUM-2031)	2
2.	Pakistan Studies	Civilizational I (HUM-2032)	2
3.	Islamic Studies	Civilizational II (HUM-2033)	2
4.	Principles Of Management	Breadth VI (BIS-2231)	3
5.	Data Communication & Networking	Core II (TE-2331)	3+1
6.	Management Information Systems	Core III (CSE-2332)	3
7.	Principles of Marketing	Breadth VII (BIS-2232)	2
Total Credit Hours			17+1=18

Semester IV

Sr. No.	Course Name	Domain	Credit Hours
1.	Database Management Systems	Core IV(CSE-2341)	3+1
2.	Business Statistics	Foundation Courses X(BIS-2141)	3
3.	Marketing Management	Core V(BIS-2343)	3
4.	Business Finance	Core VI(BIS-2341)	2
5.	IT Project Management	Core VII(TE-2342)	3
6.	Information security	Electives I (TE-2741)	3
TOTAL			17+1=18

Semester V

Sr. No.	Course Name	Domain	Credit Hours
1.	Islamic Finance and Business	Core VII (BIS-3353)	3
2.	Entrepreneurship	Breadth IX (BIS-3251)	3
3.	E-Business	Core VIII(BIS-3351)	3
4.	Financial Management	Core IX(BIS-3352)	3
5.	ERP Finance	Electives III(BIS-3752)	3
6.	Research Paper Writing & Presentation	Foundation VIII (HUM-3051)	2
7	PLL		NC
			17

Semester VI

S. No.	Course Name	Domain	Credit Hours
1.	Business Analytics	Electives IV (BIS-3761)	3
2.	Introduction to Data Science	Electives II(CSE-3761)	3+1
3.	Business Law	Core X(BIS-3361)	3
4.	Decision Models	Core XI (BIS-3362)	3
5.	ERP Supply Chain Management	Electives V (BIS-3762)	3
6	PLL		NC
Total Credit Hours			15+1=16

Semester VII

S. No.	Course Name	Domain	Credit Hours
1.	Digital Marketing	Core XII (BIS-4371)	3
2.	Data warehousing & Mining	Core XIII (CSE-4372)	3+1
3.	Operations Management	Core XIV (BIS-4373)	3
4.	Business Intelligence & Data Visualization	Electives VI (CSE-4771)	3+1
5.	Information theory and coding	Electives VIII (TE-4772)	3
6	PLL		NC
Total Credit Hours			15+2=17

Semester VIII

S. No.	Course Name	Domain	Credit Hours
1.	Business Strategy	Core XV (BIS-4381)	3
2.	Communication networks Management	Electives VIII (TE-4781)	3
3.	AI and Machine learning	Electives IX (CSE- 4782)	3+1
4.	Cloud computing	Electives X (CSE-4783)	3+1
5.	Internship	Internship	3
6	PLL		NC
Total Credit Hours			15+2=17