

COURSE LIST
SEMESTER I SESSION 2025/2026
BACHELOR OF SCIENCE (COMPUTATIONAL DATA ANALYTICS) WITH HONOURS – BWS
FACULTY OF APPLIED SCIENCE AND TECHNOLOGY

FIRST YEAR

No.	Course Code	Course Name	Section	Faculty	Credit
	UQU11202	Integrity and Anti-Corruption	2	Open	2
	UQI10202	Moral Studies	3	Open	2
	UQI10102	Islamic Studies	5	Open	2
	UQx1xx01	Co-Curriculum I		Open	1
	UHB13102	English for General Communication	26, 28, 40	Open	2
	BWS10103	Applied Calculus	1	FAST	3
	BWS10203	Data Programming I	1	FAST	3
	BWS10403	Introduction to Data Science	1	FAST	3
Total Credit					16

SECOND YEAR

No.	Course Code	Course Name	Section	Faculty	Credit
	UHB23103	English for Technical Communication	44, 47	Open	3
	BWS20803	Regression Analysis	1	FAST	3
	BWS20903	Numerical Methods	1	FAST	3
	BWS21003	Inferential Statistics	1	FAST	3
	BWS21103	Data Structure and Algorithm	1	FAST	3
	BWS21203	Relational Database and Query Language	1	FAST	3
	BWU10102	Entrepreneurship	3	FAST	2
Total Credit					20

THIRD YEAR

No.	Course Code	Course Name	Section	Faculty	Credit
	UHB33103	English for Professional Communication	23, 29	Open	3
	BWS32003	Text Analytics *(OC)	1	FAST	3
	BWS32102	Risk Analysis	1	FAST	2
	BWS32203	Decision Support and Business Intelligence	1	FAST	3
	BWS33203	Artificial Intelligence	1	FAST	3
	BWS33403	Financial Mathematics	1	FAST	3
	BWS33703	Intelligent Transport System	1	FAST	2
Total Credit					19