

COURSE LIST
SEMESTER II SESSION 2024/2025
BACHELOR OF SCIENCE (COMPUTATIONAL DATA ANALYTICS) WITH HONOURS – BWS
FACULTY OF APPLIED SCIENCES AND TECHNOLOGY

FIRST YEAR (28 students)

No.	Course Code	Course Name	Section	Faculty	Credit
		Foreign Languages: (<i>choose 1 only</i>) <ul style="list-style-type: none"> • UHB10502- French Communication • UHB10402- Arab Communication • UHB10702- German Communication • UHB10602- Spanish Communication • UHB10802- Japanese Communication • UHB10902- Mandarin Communication 	4 7 7 2 5,10 17	Open	2
	UQU10702	Appreciation of Ethics and Civilization	3,4	Open	2
	UQI11202	Philosophy and Current Issues	6	Open	2
	UQ*10001	Co-Curriculum II			1
	BWS10303	Probability and Statistics	1	FAST	3
	BWS10503	Discrete Mathematics	1	FAST	3
	BWS10603	Data Programming II	1	FAST	3
	BWS10703	Linear Algebra	1	FAST	3
Total Credit					19

SECOND YEAR (27 students)

No.	Course Code	Course Name	Section	Faculty	Credit
	BWU10202	Creativity and Innovation	7	FAST	2
	BWS21303	Applied Multivariate Analysis	1	FAST	3
	BWS21403	Non-Relational and NoSQL Database	1	FAST	3
	BWS21503	Special Topics on Computational Data Analytics	1	FAST	3
	BWS21603	Time Series Analysis	1	FAST	3
	BWS21703	Operational Research	1	FAST	3
Total Credit					17