

**KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY
CURRICULUM STRUCTURE**

**MASTER IN BUSINESS INTELLIGENCE AND ANALYTICS
(COURSEWORK)**

Summary of Credit Hour Requirement

Programme Structure	Credit Hours
Kulliyyah Required Courses	8
Department Required Courses	26
Elective Courses	6
Total Credit Requirements of Graduation	40

Kulliyyah required courses

No.	Course Code	Course Name	Offering Dept	Credit Hours	Pre-requisites
1	CITA 7011	Islamic Worldview on IT and Society	CITA	4	-
2	CITA 7901	ICT Research Methods	CITA	4	-

Total = 8 credit hours, 2 courses

Department required courses

No.	Course Code	Course Name	Offering Dept	Credit Hours	Pre-requisites
1	CBIA 7101	Big Data Across Verticals and Domains	CITA	4	-
2	CBIA 7102	Data Quality	CITA	4	-
3	CBIA 7103	Data Warehousing & Modelling	CITA	4	-
4	CBIA 7201	Tools for Data Science	CITA	4	-
5	CBIA 7301	Datathon and Bootcamp	CITA	10	-

Total = 26 credit hours, 5 courses

Department elective courses* (* Select only 2 courses)

Course Code	Course Name	Offering Dept	Credit Hours	Pre-requisites
CBIA 7202	Unstructured Data Analytics*	CITA	3	-
CBIA 7203	Data Visualization for Decision Making*	CITA	3	-
CBIA 7204	Data Security & Governance*	CITA	3	-

STUDY PLAN

MASTER IN BUSINESS INTELLIGENCE AND ANALYTICS – FULL TIME

TOTAL CREDIT HOURS REQUIRED: 40 CREDIT HOURS

YEAR 1, SEMESTER 1 (15 CREDIT HOURS)

COURSE CODE	COURSE TITLE	CREDIT HOURS
CITA 7011	Islamic Worldview on IT and Society	4
CBIA 7101	Big Data Across Verticals and Domains	4
CBIA 7102	Data Quality	4
CBIA 7202	Unstructured Data Analytics*	3

YEAR 1, SEMESTER 2 (15 CREDIT HOURS)

COURSE CODE	COURSE TITLE	CREDIT HOURS
CITA 7901	ICT Research Methods	4
CBIA 7103	Data Warehousing & Modelling	4
CBIA 7201	Tools for Data Science	4
CBIA 7203	Data Visualization for Decision Making*	3
CBIA 7204	Data Security & Governance*	3

YEAR 1, SEMESTER 3 (10 CREDIT HOURS)

COURSE CODE	COURSE TITLE	CREDIT HOURS
CBIA 7301	Datathon and Bootcamp	10

STUDY PLAN

MASTER IN BUSINESS INTELLIGENCE AND ANALYTICS – PART TIME

TOTAL CREDIT HOURS REQUIRED: 40 CREDIT HOURS

YEAR 1, SEMESTER 1 (8 CREDIT HOURS)

COURSE CODE	COURSE TITLE	CREDIT HOURS
CITA 7011	Islamic Worldview on IT and Society	4
CBIA 7101	Big Data Across Verticals and Domains	4

YEAR 1, SEMESTER 2 (8 CREDIT HOURS)

COURSE CODE	COURSE TITLE	CREDIT HOURS
CITA 7901	ICT Research Methods	4
CBIA 7103	Data Warehousing & Modelling	4

YEAR 1, SEMESTER 3 (4 CREDIT HOURS)

COURSE CODE	COURSE TITLE	CREDIT HOURS
CBIA 7102	Data Quality	4

YEAR 2, SEMESTER 1 (10 CREDIT HOURS)

COURSE CODE	COURSE TITLE	CREDIT HOURS
CBIA 7201	Tools for Data Science	4
CBIA 7202	Unstructured Data Analytics*	3
CBIA 7203	Data Visualization for Decision Making*	3

YEAR 2, SEMESTER 2 (10 CREDIT HOURS)

COURSE CODE	COURSE TITLE	CREDIT HOURS
CBIA 7301	Datathon and Bootcamp	10