

STUDY PLAN

Programme Name: Master of Science (Data Science) | Programme Code: MCSD

JULY INTAKE

COURSE	SEMESTER 1	SEMESTER 2	SEMESTER 3	TOTAL CREDIT
University Elective			(Choose 1) UHAP 6013 UICW 6023 UHAZ 6123 ULAM 6013(int. Student) UCSM 1263	3
Faculty Core	MCSD 1043			3
Programme Core	MCSD 1013 MCSD 1053 MCSD 1113 MCSD 1123	MCSD 2123 MCSD 2213		18
Elective	MCSD 1103	MCSD1133	MCSD1143	9
Project 1		MCSD 6215		5
Project 2			MCSD 6227	7
TOTAL CREDIT	18	14	13	45

FEBRUARY INTAKE

COURSE	SEMESTER 1	SEMESTER 2	SEMESTER 3	TOTAL CREDIT
University Elective			(Choose 1) UHAP 6013 UICW 6023 UHAZ 6123 ULAM 6013(int. Student) UCSM 1263	3
Faculty Core	MCSD 1043			3
Programme Core	MCSD 1113 MCSD 1123 MCSD 2123 MCSD 2213	MCSD 1013 MCSD 1053		18
Elective	MCSD 1103	MCSD1133	MCSD1143	9
Project 1		MCSD 6215		5
Project 2			MCSD 6227	7
TOTAL CREDIT	18	14	13	45

LIST OF CORE COURSES

MCSD 1013 - Business Intelligence and Analytics
MCSD 1043 - Research Design and Analysis in
Data Science
MCSD 1053 - Data Science Governance
MCSD 1113 – Statistic for Data Science
MCSD 1123 - Big Data Management
MCSD2123 – Massive Data Mining and Streaming
MCSD2213 – Advanced Analytics in Data Science

LIST OF ELECTIVE COURSES

MCSD 1103 - Data Visualization
MCSD 1133 - Operational Research and
Optimization
MCSD 1143 - Supply Chain Analytics
MCSD 1153 – Human Based Computing
MCSD 1163 - Big Data Computing