

Standard curriculum for MSc in IT for Business Data Analytics

Semester	Code	Module	Credits	Contact hrs per week
1	ECOB303	Principles and Practices of Global Business	5	2
1	ITLB360	Databases for Data Science and Analytics	10	3
1	ITLB361	Python for Data Analytics	10	8
1	SKIB350	Decision-Making and Analytical Skills	5	2
Total for semester 1			30	
2	ITLB362	Data Mining and Machine Learning	10	6
2	MANB350	Business Intelligence for Data-Driven Management	10	3
2	SKIB353	Skills for Data Analysts	5	2
2	MIBX_BUS	MIB Business Elective	5	
Total for semester 2			30	
3	CAPB352	Business Data Analytics Project	25	1
3	MIBX_DA	MIB Data Analytics Elective	5	
Total for semester 3			30	
Grand Total			90	

Contents of module groups

MIB Business Elective		Credits	Hours
ACCB351	Business and Accounting Fundamentals	5	2
HRMB403	Strategic HRM	5	2
MKTB352	Managing Global Brands	5	2
SKIB407	Team Management Skills	5	2
SKIB408	Market and Competition Analysis	5	2
MIB Data Analytics Elective		Credits	Hours
ITLB363	Data Science with R	5	2
ITLB365	Text Mining and Natural Language Processing	5	2
ITLB366	Advanced Forecasting Techniques for Data Scientists	5	2
MATB350	Quantitative Methods for Data Analysts	5	2

Prerequisites

Module	Prerequisite module
CAPB352 Business Data Analytics Project	ITLB361 Python for Data Analytics