

Master of Science in Data Science

VIT Online Learning Institute (VITOL)

Programme Credit Structure	Credits	Discipline Elective Courses	28
Discipline Core Courses	52	OLMDS601 Big Data Analytics	3 1 0 4
Discipline Elective Courses	28	OLMDS602 Multivariate Data Analysis	3 1 0 4
Total Graded Credit Requirement	80	OLMDS603 Machine Learning	3 1 0 4
		OLMDS604 Programming in Java	3 1 0 4
Discipline Core Courses	52	OLMDS605 Econometric Analysis	3 1 0 4
		OLMDS606 Web and Social Media Analytics	3 1 0 4
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OLMDS501 Linear Algebra	3 1 0 4	OLMDS607 Financial Data Analytics	3 1 0 4
OLMDS502 Probability and Distribution Models	3 1 0 4	OLMDS608 Risk Analytics	3 1 0 4
OLMDS503 Forecasting and Predictive Analytics	3 1 0 4	OLMDS609 Supply chain Analytics	3 1 0 4
OLMDS504 Statistical Inference	3 1 0 4	OLMDS610 Marketing Analytics	3 1 0 4
OLMDS505 Exploratory Data Analysis	3 1 0 4		
OLMDS506 Data Base Management Systems	3 1 0 4		
OLMDS507 Data Structures and Algorithms	3 1 0 4		
OLMDS508 Data Mining	3 1 0 4		
OLMDS509 Artificial Intelligence	3 1 0 4		
OLMDS510 Python Programming	3 1 0 4		
OLMDS699 Project	0 0 0 12		