

MSc Advanced Technology for Financial Computing

(with minimum 30 credits from business school courses)

Semester 1			Semester 2		
Core Modules	Credit Points		Core Modules	Credit Points	
			Dissertation	60	✓
Compulsory Modules	Credit Points		Compulsory Modules	Credit Points	
Machine Learning Practical (INFR11132) Or Data Analytics with High Performance Computing (INFR11171) Or Introduction of Applied Machine Learning (INFR11152 in Semester 2)	20		Data-driven Business and Behaviour Analytics (New Business Informatics Lecturer)	20	
Informatics Research Review INFR11136	10		Informatics Project Proposal INFR11147	10	
Option Modules	Credit Points		Option Modules	Credit Points	
Text Technologies for Data Science INFR11145	20		Algorithmic Game Theory and its Applications (INFR11020)	10	
			Data Mining and Exploration INFR11007	10	
Introduction to Risk Management in Banks (CMSE11167)	15		Credit Risk Management (CMSE11122)	15	

Blockchains and Distributed Ledgers (INFR11144)	10		Artificial Intelligence, Present and Future (INFR11180)	10	
Natural Computing (INFR11161)	10		Digital Business (BUST10144)	15	
Fundamentals of Optimization (MATH11111, optional)	10		Large Scale Optimization for Data Science (MATH11147, optional)	10	