MSc Advanced Technology for Financial Computing: Proposed DPT

Workload Analysis Summary: Overall standard Informatics workload applies to this new programme with **120 credits in taught courses** and **standard Informatics dissertation with 60 credits**.

Module Code	Module Title	Semester	Credits	Assessment 1	Assessment 2	Total Study hours
Informatics Compulsory Courses (60 credits)						
New	Data-driven Business and Behaviour Analytics	1	20	Coursework 40%	Exam 60%	200
INFR11136	Informatics Research Review	1	10	Coursework 100%	N/A	100
INFR11182	Introductory Applied Machine Learning	2	20	Coursework 25%	Exam 75%	200
INFR11147	Informatics Project Proposal	2	10	Individual written coursework 100%	N/A	100
Business School Courses (30 credits)						
CMSE11167	Introduction to Risk Management in Banks	1	15	Individual written coursework 30%	Exam 75%	150
CMSE11122	Credit Risk Management	2	15	N/A	Exam 100%	150
BUST10144	Digital Business	2	15	Coursework 70 %	Practical Exam 30 %	150
Informatics/Math Optional Courses (30 credits)						
INFR11145	Text Technologies for Data Science	1&2	20	Coursework 50 %	Exam 50 %	200
INFR11144	Blockchains and Distributed Ledgers	1	10	Coursework 30 %	Exam 70 %	100
INFR11161	Natural Computing	1	10	Coursework 30 %	Exam 70 %	100

INFR11020	Algorithmic Game Theory and its Applications	1	10	Coursework 30 %	Exam 70 %	100
MATH11111	Fundamentals of Optimization	1	10	Coursework 20 %	Exam 80 %	100
INFR11022	Distributed Systems	2	10	Coursework 25 %	Exam 75 %	100
INFR11180	Artificial Intelligence, Present and Future	2	10	Coursework 25 %	Exam 75 %	100
MATH11147	Large Scale Optimization for Data Science	2	10	Coursework 20 %	Exam 80 %	100