

APPROVED

Programme Code	MSCFTD	Programme Duration	1
Programme Level	9	EQF Level	7
		EHEA Level	Second Cycle
Programme Credits	90		
Semester Duration	12 Week(s)		
Language of Instruction	English		
CAO Code; QQI Programme Code etc	Code		
Programme Extra Information	Below is the indicative full-time schedule for this course. Please note, the part-time schedule is run over a longer period of time. Further details of this schedule can be found in our part-time prospectus.		

Programme Outcomes

On successful completion of this programme the learner will be able to :

Description
Synthesize and critically evaluate expert knowledge of areas of governance and compliance, financial data analysis and visualisation, artificial intelligence and machine learning with applicability in FinTech domain, both in technical and business contexts.
Formulate, design, assess, and implement effective business and technical solutions and strategies for the FinTech domain based on the latest industry practices and standards to enhance human potential and customer support
Contextualise and integrate future, emerging, and disruptive technologies in FinTech.
Critically assess and evaluate ethical, sustainable, and responsible risks and impacts associated with technological and strategic solutions in FinTech domain. Demonstrate competencies in legal practices and regulations in FinTech.
Critically evaluate and optimise entrepreneurship, business, and technical strategies for the FinTech domain. Acquire and develop a comprehensive skill set in leadership and collaboration in order to actualise entrepreneurship and innovation in FinTech.
Identify knowledge gaps and undertake self-learning to acquire new knowledge and meet the requirements of the rapidly developing and expanding Fintech industry.
Conduct independent research in the FinTech domain. Formulate and implement novel research ideas using the latest industry practices

Semester Schedules

Stage 1 / Semester 1

Core Subject	
Module Code	Title
H9BCT	Blockchain Technologies
H9DGC	Data Governance, Ethics, and Sustainability

H9FNMKT	Financial Markets
Group Elective 1	
Module Code	Title
H9LOCHFFT	Leadership, Organisational Culture and Human Factors in FinTech
H9PFDS	Programming for Financial Data Science

Stage 1 / Semester 2

Core Subject	
Module Code	Title
H9AIFF	AI for Finance
H9FR2	Financial Regulations
Group Elective 2	
Module Code	Title
H9EIFT	Entrepreneurships and Innovation in FinTech
H9MLFF	Machine Learning for Finance
Group Elective 3	
Module Code	Title
H9INTERN	Internship
H9PRAC	Practicum

Stage 1 / Semester 3

Core Subject	
Module Code	Title
H9PTS	Payments and Transaction Services
Group Elective 3	
Module Code	Title
H9INTERN	Internship

H9PRAC	Practicum
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