

# 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	<a href="#">Blockchain Technologies</a>
H9DGC	<a href="#">Data Governance, Ethics, and Sustainability</a>

H9FNMKT	<a href="#">Financial Markets</a>
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Group Elective 1	
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Module Code	Title
H9LOCHFFT	<a href="#">Leadership, Organisational Culture and Human Factors in FinTech</a>

H9PFDS	<a href="#">Programming for Financial Data Science</a>
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## Stage 1 / Semester 2

Core Subject	
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Module Code	Title
H9AIFF	<a href="#">AI for Finance</a>

H9FR2	<a href="#">Financial Regulations</a>
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Group Elective 2	
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Module Code	Title
H9EIFT	<a href="#">Entrepreneurships and Innovation in FinTech</a>

H9MLFF	<a href="#">Machine Learning for Finance</a>
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Group Elective 3	
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Module Code	Title
H9INTERN	<a href="#">Internship</a>

H9PRAC	<a href="#">Practicum</a>
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## Stage 1 / Semester 3

Core Subject	
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Module Code	Title
H9PTS	<a href="#">Payments and Transaction Services</a>

Group Elective 3	
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Module Code	Title
H9INTERN	<a href="#">Internship</a>

H9PRAC	<a href="#">Practicum</a>
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