Module code	FIN7E4	Level	7
Module title	Financial Technology & Innovation	Credit value	20
Common/Core/Elective	Core	ECTS Credits	10
		Notional learning hours	200
Courses on which the module is taught	MSc Finance and Financial Technology	Teaching Period	Spring

1. Module description

The aim of this module is to give students a rigorous introduction to all the key aspects of FinTech and financial innovation. This module provides an overview of the current revolution and innovation in financial technology (FinTech) which is disrupting the financial services, making it more efficient, bespoke, and secure.

It is designed to provide foundational understanding and insights into Connectivity, Data and Artificial Intelligence which are enabling, disrupting, and transforming the financial industry. Topics include (but are not limited to) artificial intelligence, blockchain technology, cryptocurrencies, big data, and the digital investment space including crowdsourcing, crowdfunding, and Initial Coin Offerings.

2. Learning Outcomes

Upon successful completion of this module, you will be able to:

Collaboration (LO1)
Collaborate and build networks to analyse with other team members and rest of the class the latest Fintech trends and the business model of some of the most prominent Fintech companies.

Innovation (LO2)
Create and implement new value propositions combining intellectual curiosity and creativity in the design of a Fintech entrepreneurial idea.

Digital Data and Tools (LO6)
Utilise digital tools for example like spreadsheets, financial databases, and internet to test new technologies and appraise Fintech companies and their impact on the business environment and society at large.

Discipline Skills (LO8)
Combine and employ advanced Fintech and VC method knowledge to make yours, and judge others', strategic decisions, companies' valuation models, and competitive advantages.

3. Learning and teaching methods

Your active participation and engagement will be a key factor in creating meaningful learning opportunities for you and your fellow classmates.

This module incorporates a variety of educational methods including group activities, group discussions, mini-case studies, and workshop activities to enable you to analyse, evaluate, organise, and communicate the different aspects that surround innovation and technology in finance. The teaching will be focused on using real case studies from the FinTech industry and how new business modules are diffused and market absorbing them. You will be exposed to current data and situations.

Research during the workshops will require connectivity to the internet: you should come to class with your laptop or at least a tablet that allows for comfortable reading and use of spreadsheets. Each term, the module will be hosting a guest speaker form the Fintech industry demonstrate practical applications of the Fintech fundamentals.

All teaching and learning will be supported by Blackboard materials and activities.

Learning hours	
Directed learning	**48 hours**
Workshops/ classes	48
Guided/Self-guided learning	**152 hours**
Total	200

4. Assessment, formative feedback and relative weightings

Assessment 1 – Presentation (Group)

Weight (%): 50%

Word Count or Equivalent: 20 minutes

In small groups (ideally of 3 members) you will be required to create and present an innovative Fintech idea of your choice seeking funding from Business Angels or VC Investors. You can create something new or something that improves, changes, or disrupts an existing technology, product, business model, or process. You will be required to use current and live markets conditions in assessing the potential risks and benefits of the project.

Assessment 2 – Report

Weight (%): 50%

Word Count or Equivalent: 2500 words

You will be asked to write a report to critically assess and evaluate a real financial product, process, business, and/or business model in the Fintech sector. You are

required to investigate and research the Fintech aspect assigned through internet, books, articles, academic papers, financial statements, regulatory reports, videos, movies, etc….

Assessment tasks	MLO1	MLO2	MLO6	MLO8
Presentation (Group)	x	x	x	x
Report			x	x

5. Indicative resources

Required Reading

Disrupting Finance: FinTech and Strategy in the 21st Century (Palgrave Studies in Digital Business & Enabling Technologies), 2019, T. Lynn

Thomson Reuters Eikon Platform: www.eikon.thomsonreuters.com

Financial Times Videos: www.FT.com/video

The FinTech Times: www.thefintechtimes.co.uk

Fin Tech Global: www.fintech.global