

Part-time Schedule

Location
IFSC Campus

Application
Apply online at
www.ncirl.ie

Indicative Schedule
Two evenings per week,
18.00 - 22.00 and some
Saturdays

Duration
2 years; 4 semesters with
a final research project

Start Date
Sept 2017

Fees
€4,475 per annum
€8,950 total fee
(Fees revised annually)

Full-time Schedule

Indicative Schedule
Students need to be
available 09.00-17.00
Mon – Fri. Full-time students
may also be required to
attend classes after 5pm.
(Class days and times vary)

Duration
1 year; 2 semesters and a
final research project

Fees
€6,500 total fee
(Fees revised annually)



Master of Science in Fintech

Course Description

Finance, stereotypically is seen as a highly regulated industry dominated by banks that resist disruption and change. However, finance is now riding an entrepreneurial wave due to an influx of highly available and powerful computing resources and electronic services, accessible forms of data analytics, and disruptive technologies like BitCoin, WePay and Kickstarter. This course will provide you with the latest knowledge and competencies at the intersection of finance and technology; the rapidly evolving area that is fintech.

NCI is perfectly placed to deliver an industry-focused programme inspired by its location at the heart of the International Financial Services Centre. The course is completely delivered by faculty and industry practitioners with established experience in the fintech domain.

Who is the course for?

This interdisciplinary course will appeal to graduates of finance, computing and business seeking to enter the area of fintech; and industry practitioners seeking to gain insightful experience and exposure to the fintech domain and its associated areas of, for example, data analytics, electronic services, e-cash, as well as related future and emerging technologies.

Entry Requirements

A level 8 degree (2.2 award) or its equivalent in one or more of the following domains: computing science, finance, business or economics. Cognate disciplines will also be considered. Note that applicants lacking both a clear financial and technology component may still be eligible, but will be subject to review. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme - meaning applicants who do not meet the normal academic entry requirements, may be considered based on relevant work or other experience. Non-English speaking applicants must demonstrate fluency in the English language as demonstrated by IELTS academic score of at least 6.5 or equivalent.

As a graduate of this course, you will gain in-depth knowledge and skills in the core topics of fintech including:

- Governance and compliance
- Data analysis and data visualisation
- Quantitative modelling and simulation
- Cybersecurity and IT auditing
- Big data analytics
- High level as well as deep financial analysis
- Contemporary research topics

Course Content

Year
1-2

- Financial Markets
- Data Analytics
- Data Governance and Compliance
- Information Assurance and Cybersecurity
- Financial Analytics
- Blockchain Technologies
- Contemporary Topics in Fintech
- Digital Forensics and Auditing
- Elective
- Crowd Markets – Elective
- Entrepreneurship in Fintech
- Research Project

Award and Progression

The Master of Science in Fintech is awarded by QQI at level 9 on the National Framework for Qualifications. Students who successfully complete this course may progress to a major award at level 10 on the NFQ.