

Masters in Finance: FinTech



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The financial world
is still turning,
but with a new force
driving the spin.

Master in **Finance**
Master in **Advanced Finance**
Global Master in **Finance**
Master in **Islamic Finance**
Executive Master in **Finance (in Spanish)**

Tradition is being cast aside as more advanced methods and top-notch techniques take its place. With brand-new business models and fresh, wide-reaching fingertip technology, the future of finance is currently being written—with new authors hot in demand.

At IE Business School, we dive in headfirst. We make it our business to help you do yours. That's why our Master in Finance and Master in Advanced Finance now offer a specialization in FinTech to mirror the needs of the sector and equip a new class of market-specific frontrunners. In fact, the impact of technology on finance is so important that all of our finance programs now have a solid foundation in FinTech—because to redefine the rules of a game, you first need to know how to play!

FinTech at the **Core** of our **Masters in Finance**



In our full-time programs we offer a comprehensive look at the foundations of programming and an introduction to FinTech. Concentrating on Blockchain, cryptocurrencies, robo-advisors, artificial intelligence and data in the finance industry, this core will lift the fog at the frontline of innovation.

FinTech at the Core of our Masters in Finance

Other core subjects offered in our part-time portfolio include a look at Blockchain and cryptocurrencies & ICOs. The Blockchain course focuses on this exciting emerging technology that is enabling new players, incumbent banks and financial market infrastructures to make systems and processes more efficient. Challenge existing business models by learning the core primitives of Blockchain tech and review, and put this into practice with real projects and investment cases.

In the cryptocurrencies & ICOs (Initial Coin Offering) course, the ecosystem of cryptocurrencies is explored. Beginning with the practical mechanics of Bitcoin, the course will explore the concept of a secure, decentralized and digitalized universal currency.



FinTech as a Major

Master in Finance

Master in Advanced Finance



Our full-time Masters in Finance now offer the option of a Major in FinTech and Financial Analytics so that our students are well equipped to face the current financial landscape.

The emergence of artificial intelligence and Blockchain technologies have seriously impacted business in finance. FinTech is paving a path of new sector disruptors, letting them break into a market traditionally monopolized by banks. Former students of our Finance programs have gone on to leave their jobs and build successful startups. Providing our finance students with key knowledge in FinTech equips them to break into tough markets and pursue their entrepreneurial goals.

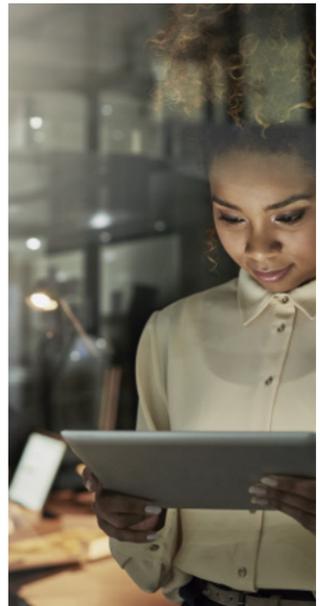
FinTech as a Major

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Artificial Intelligence and machine learning are making us rethink how we do business. As our tasks become increasingly digitalized, a broader, more comprehensive approach is possible, changing how we do business. Some applications of AI in the financial sector are: assessing credit quality, pricing and marketing insurance contracts and automating client interaction. This results in more efficient information processing as well as new and unexpected forms of interconnectedness between financial markets and institutions.

Originally designed for digital currency (Bitcoin), as a way to distribute information without it being copied, Blockchain technology is now being used in different ways within the tech community. As technology with no single point of weakness, data can be stored more securely than if it was in a centralized location.



FinTech Electives in our Full-Time Programs

Master in Finance

Master in Advanced Finance

Electives:

(Not all electives are available for every intake, course opening depends on interest)

Blockchain: Redesigning Finance Using Distributed Ledger Tech

Crowdfunding

Cryptocurrencies & ICOs

Cybersecurity and Financial Markets

Fintech Business Models & Valuation

Global Megatrend

Introduction to FinTech

Robo Advisors

The New Techs: InsurTech, RealTech, RegTech

Unleashing the Potential of FinTech in Sustainable Development

Visual Basic Financial Modeling

Algorithmic Trading

Alpha Generation

Risk Modelling Using Factor Models: Factor Investing

Equity Derivatives and Volatility

