ESCP
BUSINESS SCHOOL

IT ALL STARTS HERE

BERLIN | LONDON | MADRID | PARIS | TURIN | WARSAW

Online Certificate Financial Innovation and AI

1st
Business School in the world (1819)

1st
Worldwide MSc in Finance

6
Urban Campuses in Europe
Berlin, London, Madrid, Paris, Turin and Warsaw

6 000+
Participants in Executive Education

200+
Research-Active Professors

85 000+
Alumni in 200 countries Worldwide

Who should attend

- Financial managers who want to be at the forefront of financial innovations
- Finance consultants who want to develop their technical skills and provide better services
- Professionals looking for frontier education in finance and technology
- Professionals from any industry aiming to develop and implement technology-based projects in finance

Objectives

- Design and Transform Financial Business Models Using Modern Innovation Frameworks
- Leverage AI for Data-Driven Financial Decision-Making
- Understand and Apply Fintech Technologies to Modernise Financial Services
- Implement AI Projects with Strategic and Technical Competence
- Navigate the DeFi Landscape and Assess Its Strategic Impact on Businesses

Benefits

- Bridge the gap between strategy and technology in finance
- Lead AI-driven transformation projects in Finance
- Understand and navigate the rise of Decentralised Finance
- Use AI to automate processes and support decision-making
- Stand Out in the Competitive Job Market in Finance
- Become the AI & Finance expert in your organisation
- Rethink tomorrow's leadership and build the company of the future

Curriculum

Module 1. Business Model Innovation in Finance

This module equips students with the tools and frameworks to design, analyze, and reinvent business models across industries, focusing on financial products and functions. The course explores how technology, regulation, and customer behaviour reshape value creation and how firms can benefit from that.

Module 2. Fintech Fundamentals

Fintech Fundamentals introduces students to the technologies and business models transforming financial services and functions. The course covers the elements of AI in finance, banking innovation, blockchain, and several other topics at the crossroads between finance and technology, preparing students to navigate and lead in the evolving landscape of finance and technology.

Module 3. AI in Finance

This module equips students with practical tools and technical foundations to apply AI across financial functions. Covering machine learning and artificial intelligence, the course blends Excel, Python, and ChatGPT to apply the power of technology in performing financial functions such as capital budgeting, risk management, portfolio management, trading, and many others. The course also explores the use of AI agents and the limits of generative models, preparing students to implement smart, data-driven solutions in both corporate and banking environments

Module 4. Decentralised Finance

Decentralised Finance explores how blockchain technology reshapes financial systems through open, automated, and transparent protocols. The course covers DeFi infrastructure, cryptocurrencies, stablecoins, decentralised exchanges, and automated market makers, and equips students to understand and navigate the rapidly evolving DeFi landscape.

Module 5. Implementing AI in Finance

This module is a hands-on course that equips students to lead AI-driven projects in finance by combining core project management skills with the specific challenges of AI implementation. Topics include model explainability, system integration, team structuring, risk management, and success metrics. Real-world case studies illustrate best practices and common pitfalls, and students leave with a practical framework to implement AI solutions in finance across different industries.

Pedagogy

- Distance learning combining synchronous and asynchronous modules
- Self-paced learning content: Short video lectures, introduction to frameworks, press reviews, insights from experts, case studies, podcasts, data visualisations, quizzes
- Regular interactive live sessions: 15 hours (five 3-hour modules)
- Group capstone project: the opportunity for each participant to apply the knowledge acquired to a practical project.

Academic Director

Santiago Barraza

Ph.D. in Finance from the Sam M. Walton College of Business

Expert in financial intermediation, investments, credit markets, and corporate finance

Certificate

ESCP Certificate delivered upon successful completion of the programme.

ADMISSION ONLINE

ONLINE FEES
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NEXT SESSION
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60 HOURS OF TEACHING
120 HOURS WORKLOAD

100% ONLINE

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ESCP bénéficie des meilleures accréditations internationales.
Nos campus européens sont officiellement reconnus dans leur pays.

AACSB ACCREDITED | EQUIS ACCREDITED | EFMD ACCREDITED MBA | EFMD ACCREDITED EMBA | 7 European Higher Ed accreditations

Une école de
CCI PARIS ILE-DE-FRANCE EDUCATION