

# MBA TRADING & FINANCE

## PROGRAM HIGHLIGHTS

The financial markets sector is experiencing rapid growth driven by the digitalization and increasing financialization of the global economy. The sheer volume and velocity of information generated by market activities compel professionals to implement sophisticated methods for data collection, analysis, and decision support. Moreover, the development of increasingly complex financial products designed to optimize returns demands both deep technical knowledge and strong commercial skills.

The **Financial Markets Expert** program equips learners with the essential skills and insights to navigate the demanding world of financial markets. It is structured around three core pillars: **valuation methods**, **risk management**, and the **computerized application of quantitative techniques**.

In addition, the program integrates the latest technological innovations—including blockchain technology, Big Data analytics, and crypto-assets—and addresses the explosive growth of fintech companies, preparing graduates to stay at the forefront of this dynamic industry.

## KEY POINTS

**Program duration :** 2 years

**Intakes :** February & September

**Schedule :**

- **1st year:** courses from February to May + 3-month practice from June to August or courses from September to December + 3-month practice from January to March
- **2nd year:** courses from September to March + 6-month practice from April to October

**Concept:**

- The program is entirely taught in English, except 4 hours in French per week
- An outstanding teaching staff consisting of lecturers and researchers from the Grandes Écoles and universities, as well as working professionals in all areas of finance

## CERTIFICATION

**RNCP Title :** Certified level 7 diploma upon successful completion of MBA Year 2.

RNCP certification : 38601,

Name : **Financial Markets Expert**

NSF Code(s) :

**313:** Finance, Banking, Insurance, Real Estate

Degree awarded by Financia Business School

<https://www.francecompetences.fr/recherche/rncp/38601/>

## OBJECTIVES

- Structure an economic solution dedicated to financial markets
- Manage and control operations on financial markets
- Drive business growth on financial markets
- Quantitatively value a transaction on financial markets
- Manage market, liquidity, and credit risks

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## CURRICULUM

### 1st year

- Sales of Financial Products
- Portfolio Management
- Bond Management
- Financial Markets
- Excel-VBA Applications
- Probability and Statistics
- Econometrics
- Compliance – Know Your Customer (KYC)
- Compliance – Anti-Money Laundering (AML) and Counter-Terrorism Financing (CTF)
- Introduction to Financial Markets
- Banking Strategy
- Structuring a Financing Solution
- Option Theory
- Securities Law

### 2nd year

- Introduction to Programming: Python
- Option Valuation using VBA
- Market Risk Management
- Asset Liquidity Management
- Debt and Credit Risk
- Econometrics
- Credit Scoring
- Secured Financing Management
- Middle & Back Office Management
- Compliance: Know Your Customer (KYC)
- Performance Indicators
- Investment Banking
- Financial Instruments : Socially Responsible Investment Asset Management
- Global Risk Governance
- Valuation of Interest Rate Derivatives
- Option : Theory
- Option : Stochastic Calculus
- Option : Blockchain

## INTERNSHIP OPPORTUNITIES

- Quantitative Analyst (Quant)
- Financial Risk Analyst
- Structured Products Analyst
- Sales-Trader
- Back Office Manager

