

1871

EM
NORMANDIE
BUSINESS SCHOOL

MSc MASTER OF SCIENCE

MSc

FINANCIAL DATA MANAGEMENT

 Paris Campus
 |
  September
 |
  Full Time
 |
  1 year
 |
  4 years of higher education
TOEIC \geq 790 · IELTS \geq 6
 |
  Master of Science

PROGRAMME HIGHLIGHTS +

- + 100% English-taught programme
- + Lecturers/professionals with internationally recognised academic backgrounds
- + A course that delivers sound professional experience through in-company immersive assignments such as: Internship or Consulting challenge/missions (teamwork), Advanced Finance Business game/Bootcamp, case studies, etc.
- + CGE Label Degree approved by France's Ministry of Higher Education and Research (Master's level)



EM NORMANDIE HIGHLIGHTS +

- + A Business School holder of many national and international accreditations: EQUIS, AACSB, AMBA and French Conférence des Grandes Écoles
- + 6 campuses: Caen, Le Havre, Paris, Dubai, Dublin and Oxford
- + 800 external speakers
- + 100 lecturers
- + 5,000 partner companies
- + More than 23,000 members of the EM Normandie Alumni association



Through a teaching approach based on case studies, a business game, an enterprise challenge, and the use of statistical (algorithms) and simulation tools, students acquire a thorough expertise in Finance and Data Management/Digital Transformation.

The programme offers future graduates a solid knowledge both in core principles in Management and Business Finance, as well as in Digital Transformation, terminologies, and tools (Big Data/AI, Python/R coding, Project management). As performance is also measured on social and societal standards, a key part of the programme is devoted to developing soft skills competencies such as emotional intelligence and working in multidisciplinary team.

PROFESSIONAL EXPERIENCE

- 2 x 4-to-8 weeks in company:
S1 challenge: example of Carrefour Finance Digital transformation: survey and recommendation on how to improve the accounting team data practice.
S2 missions: example of the definition of a Go-to-Market plan for a Consulting company in Financial services + Study of the Synergies plan to prepare for a potential merge of two companies.
- 6-months internship in France or abroad
- 2 tutored projects (Bootcamp/Business game)
- Professional thesis

CAREER OPPORTUNITIES

- **General information about the employment market:**
All companies, from startups to multinationals, are starting or are in the middle of a digital transformation of their Finance operations. All industries/public entities are impacted, with no exceptions, providing many job opportunities.
- **Example of positions:**
Business Analyst, Financial Controller, Consultant, Auditor, Cash Manager, Credit Manager, Performance Manager, Risk Manager, Data Manager,...
- **Employment data for 2021 graduates (based on the 2022 employability survey):**
100% net employment rate
85% in executive employment
92% on permanent contracts
60% of students in employment found a job before graduating
100% of graduates in employment found a job within 6 months
100% satisfied with their first job
Average gross annual salary including bonuses in similar roles: €42.550
- **Example of companies where our graduates work:**
Banks, EY, PSA, PWC, Porsche, Unilever,...



PROGRAMME

DIGITAL TRANSFORMATION AND DATA

- Case studies:
Digital Transformation and Data Management
Evolution of Key Corporate Information Systems
Data Governance and Architecture
- Data Security - Blockchain
- Data Ethics and Law
- Leading a Digital Project
- Coding in Python

FINANCIAL MECHANISMS AND STRATEGY

- Accounts consolidation techniques and IFRS
- Financial markets, selecting investments and funding modes: time value of money, risks and firm valuation
- Mergers and acquisitions

ADVANCED FINANCIAL ANALYSIS

- The four financial statements: B/S, P&L, retained earnings, cash flow
- Financial analysis, using ratios to make business decisions
- Financial assets valuation: time and value, interest rates, capital markets and pricing of risks, optimal portfolio and the CAPM stocks valuation
- Financial stakes of M&A

STRATEGIC DECISION-MAKING AND FINANCIAL SIMULATION

- Business planning, strategic decision making and financial simulation. Business game: 10 year micro economic model, 10 teams in competition
- Statistics applied to Finance
- Bootcamps :
Performance modeling, analysis and forecast, build a dashboard
How to select relevant data and build Key Performance Indicators

STRATEGY AND MASTERING RISKS

- Risk Management and Business Strategy
- Risk Strategy and Management: Corporate risk, Financial risk, Credit risk, Operational risk, ESG and sustainability,...

FINANCIAL COMMUNICATIONS

- Effective Corporate Communication
- Media and Economy
- Leading multi-disciplinary teams and communication

3 ELECTIVES OF CHOICE

- Cases in ethical and sustainable development
- Change management and organisational transformation
- Critical issues in management
- Leading in multicultural environments
- Digital disruption and industry 4.0

CHALLENGE AND MISSIONS

CAREER AND JOB SEARCH TOOLS

PROFESSIONAL THESIS

INTERNSHIP

ADMISSION CRITERIA

Candidates must hold a four-year degree in Higher Education (4-year Bachelor Degree, BBA, Master 1, or equivalent). Other profiles may be accepted in derogation from these criteria.

Language requirements for non-English-native speakers: IELTS 6, TOEIC 790, TOEFL IBT 83 or proof that English was the candidate's language of study or work for at least a year.

Tuition fees for the year 2023-2024: €14,500

This programme is also available over two years for candidates who hold a three-year in Higher Education level (3-year Bachelor Degree, BMI, licence, or equivalent). Tuition fees on request.

More information about the Two-year MSc Track :
em-normandie.com/en/two-year-msc-track

Selection is based on a profile review and an interview. There are admission sessions monthly.

Apply online at join.em-normandie.com

SCHOOL FOR LIFE

Join the School and instantly become a lifetime member of the EM Normandie Alumni Association.

Discover all the financing opportunities on the «**Financing my studies**» platform



MORE INFO CONTACT US



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