

The Master in Finance and Economics is a two-year programme, offering foundational courses at postgraduate level in the first year. During the second year, students have the option to specialise in seven different tracks: Banking, Investment Management, Risk Management, Sustainable Finance, Financial Economics, Digital Transformation in Finance, Private Assets.

STRENGTHS

- Programme designed to meet highest international standards;
- Theory and practice: learn from academics and practitioners;
- Internship and networking opportunities in Luxembourg, a major international financial center;
- Specialised tracks and curricula responding to changes and trends in the world of economics and finance;
- The master programme is part of the network of the European Master in Official Statistics (EMOS).

ADMISSION REQUIREMENTS

- Bachelor's degree or equivalent (180 ECTS) in economics or finance;
- B2 level in english.

CAREER OPPORTUNITIES

- Banks and other financial institutions
- Asset management firms
- Consultancy companies
- Industrial companies
- Insurance companies
- European or national financial institutions
- Financial administration
- Academia

PROGRAMME AT A GLANCE

Duration: 2 years (120 ECTS)

Language: English

Registration fees: 400€/semester

Application period:

- For EU students: February > April
- For non-EU students: February > April

Campus: Kirchberg



WEBSITE

mfe.uni.lu



CONTACT

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"The Master in Finance and Economics at the University of Luxembourg offers a unique opportunity to immerse yourself in a rigorous, internationally-oriented programme at the heart of Europe's financial hub. This journey equips you with cutting-edge knowledge and analytical skills, empowering you to shape the future of finance and economics while contributing to global innovation and growth."

MASTER IN FINANCE AND ECONOMICS

SECOND YEAR: BANKING

Provides a detailed understanding of the economic and financial environment in which banks operate, the structure and role of banks in the economy, measuring the risks that banks face, and further aspects of banking.

The track is divided into the following modules:

- Banking Module: delves deeper into banking theory and different major banking topics, such as investment banking, credit and operational risk, and banking law;
- Joint course on special topics in finance;
- Electives on advanced data analytics;
- Academic Master Thesis or Internship and Applied Master Thesis.

SECOND YEAR: INVESTMENT MANAGEMENT

Provides a detailed understanding of different types of financial instruments, investors, the fund industry, market trends, and further aspects of investment management.

The track is divided into the following modules:

- Investment Management Module: delves deeper into investment and portfolio management, alternative investments, factor investing and taxation;
- Electives on special topics in finance, advanced data analytics and conducting financial research;
- Academic Master Thesis or Internship and Applied Master Thesis.

SECOND YEAR: RISK MANAGEMENT

Provides a detailed understanding of financial instruments and different types of risk and risk models, statistical and econometric concepts; ability to analyse financial assets and make financial diagnostics, and further aspects of risk management.

The track is divided into the following modules:

- Risk Management Module: delves deeper into different risk categories (market, credit, counterparty operational and liquidity) as well as exploring econometric and disclosure instruments;
- Joint course on special topics in finance (also compulsory for the tracks in Banking and Risk Management);
- Electives on advanced data analytics;
- Academic Master Thesis or Internship and Applied Master Thesis.

SECOND YEAR: PRIVATE ASSETS

Provides an in-depth understanding of the structure, financing, and management of private equity, real estate, infrastructure, and private debt investments. Emphasis is placed on institutional investing, legal structuring, valuation, and the macroeconomic relevance of private markets. The track combines academic rigor with practical relevance and was developed in close cooperation with industry and government partners, reflecting Luxembourg's position as a global hub for private asset management.

The track is divided into the following modules:

- Introduction to Private Assets and the Luxembourg ecosystem;
- Asset-specific modules covering private equity, venture capital, real estate, infrastructure, and private debt;
- Courses on valuation, taxation, and risk management of illiquid investments;
- Electives and incubator courses on emerging trends in finance;
- Academic Master Thesis or Internship and Applied Master Thesis.

SECOND YEAR: FINANCIAL ECONOMICS

Provides an in-depth understanding of various econometric techniques, economic theory and policy making, the functioning of financial markets and institutions, and advanced topics in financial economics. Through the Financial Economics track students can also obtain the European Master in Official Statistics.

The track is divided into the following modules:

- Financial Economics Module: the compulsory module with five core courses
- Electives on special topics in finance, advanced data analytics and conducting economic and financial research
- Academic Master Thesis or Internship and Applied Master Thesis.

SECOND YEAR: SUSTAINABLE FINANCE

Provides a comprehensive and detailed understanding of the economic foundations of sustainable finance and of tools, methodologies and frameworks used in asset management, risk management and corporate finance to take ESG (environmental, social and governance) dimensions into account. The track provides both, a solid conceptual foundation of sustainable finance building on core principles in financial economics and reviewing the academic literature in the area, and an applied toolkit to understand and master important tasks and challenges in industry drawing on the extensive experience and expertise of a hand-selected group of external teachers.

The track is divided into the following modules:

- Sustainable Finance Module: the core module with five core courses.
- Electives on special topics in finance, advanced data analytics and conducting financial research.
- Academic Master Thesis or Internship and Applied Master Thesis.

SECOND YEAR: DIGITAL TRANSFORMATION IN FINANCE

Provides a detailed understanding of how digital innovations are reshaping the financial landscape and driving significant changes in the industry. Students will explore topics such as FinTech, blockchain, data analytics, artificial intelligence, machine learning, digital law, regulation, and compliance, among others.

The Digital Transformation in Finance track is divided into the following modules:

- 5 mandatory courses on fundamental topics in Digital Finance;
- Elective courses on specialized topics in Finance;
- Academic Master thesis or Internship with an Applied Master thesis.

SPECIALISATIONS AT A GLANCE

Duration: 1 year

Language: English

Registration fees: 400€/semester

Pre-requisite: Successful completion of the first year of the Master in Finance and Economics or any other equivalent Master programme.