

finance & risk management **berlin**

HEAD OF SPECIALISATION



Michel VERLAINE

direction-msc@icn-artem.com

LANGUAGE

 English

DURATION

Candidates with 3 years of studies/ 180 ECTS credits :
2 years

Candidates with 4 years of studies/ 240 ECTS credits :
1 year

THE 3 KEY STRENGTHS

An understanding of the finance industry as a whole and how the different financial structures interact.

A focus on operational issues and new financial technology in France.

The behavioural elements that are incorporated at all levels, and finance's geopolitical dimension, unique to this sector.

STUDY RHYTHM

MSc 1

Study/work rhythm: 3 days at school / 2 days at work. You can choose any ICN campus

MSc 2

Study/work rhythm: 3 days at school / 2 days at work. Berlin campus

PROGRAMME OBJECTIVES

The MSc in Finance and Risk Management trains specialists in the finance industry and financial geopolitics. Most Master's in Finance courses offer either training in the financial markets or corporate finance. The MSc has been designed to fill a niche – in the finance industry – with an emphasis on operational and behavioural issues as well as the strategic location of financial vehicles. The programme also looks at the interaction between different financial institutions, with a focus on the emergence of Fintech, Cyber Finance and changes in decision-maker behaviour. Once they have completed the program, students will understand the different business models and be prepared for employment in a variety of financial sectors: banks, funds, hedge funds, insurance and the strategic consultancy sector.

PROGRAMME MODULES

The programme is built around four major module blocks which are designed to produce experts in Finance and Risk Management with an emphasis on the finance sector and financial geopolitics.

Financial Economics, Valuation and Risk Management

This block of modules provides students with a mastery of the financial economics, valuation and risk management tools they need to take the more advanced finance modules. The modules cover portfolio theory, standard derivatives valuation tools and asymmetric information problems. Issues around risk measurement and assessment as well as the aggregation of risks in different sectors of the financial industry are covered. Students learn how to implement a risk management process within a financial institution.

Business Models and Risk Management of the Financial Industry

This block of modules provides an understanding of business models in the financial industry and how these have evolved in recent years, in particular changes among the insurance, banking and funds sectors and the impact of new Fintech tools. Students learn how the industry is adapting to different types of risks, technological changes and regulation. The focus is on the emergence of new systems such as "Shadow Banking" and "Shadow Insurance" as well as location strategies.

Behavioural Finance and the Architecture of Finance

This block of modules analyzes the entire financial industry, i.e. funds, banks, insurance and trading platforms, through the lens of recent developments in behavioural economics. The focus on behavioural economics makes this a truly innovative module.

Geopolitics of Finance and Cyber Finance

This block of modules is unique in that it seeks to develop the strategic skills required to locate financial vehicles. It also covers recent developments in cyber finance and the microstructure of financial markets, which have become key vectors of risk and influence.

CAREER OPPORTUNITIES

- ▶ Risk advisory consulting
- ▶ Managing risk in the fund industry
- ▶ Specialists in structured hedge fund products
- ▶ Private equity fund analysts
- ▶ Private banking and asset manager
- ▶ Bank consulting
- ▶ Financial sector strategic consultancy
- ▶ Cyber finance consultant

A FEW OF OUR BUSINESS PARTNERS

- Ernst & Young Luxembourg
- Farad Group Luxembourg
- Alter Domus Luxembourg
- AM Best Products and Services Europe



A well-designed course tailored to students interested in the growth of the banking and fund market. The tutorials gave me the tools and skills I needed to work in the consultancy sector, advising key Benelux Private Equity companies on the strategic challenges and operational issues that they currently face.

The way the course is structured and run by the first-rate teaching staff, as well as its international environment, are crucial to the students' personal development.

I highly recommend it!

Rossella D'Amico

Strategy Regulatory and Corporate Finance analyst, Deloitte (Luxembourg)

