

Competence profile for MSc in Economics and Finance – Advanced Economics and Finance

MSc in Economics and Finance offers a comprehensive curriculum in economics, finance, and quantitative methods.

The programme places significant emphasis on the ability to analyze decisions within a broad economic context, make well-informed business decisions, and comprehend the societal impact of those choices.

Moreover, it leverages state-of-the-art data-driven quantitative techniques to collect, analyze, and interpret data and fosters the capacity to critically evaluate and enhance business decisions while considering social welfare implications.

Additionally, the programme recognizes the paramount importance of international collaboration and embraces the advantages of a diverse and multicultural learning environment.

The MSc in Economics and Finance equips students to effectively tackle intricate economic challenges and flourish in today's fiercely competitive business landscape.

The program consists of two concentrations:

- Applied Economics and Finance
- Advanced Economics and Finance

Competence profile for Advanced Economics and Finance

Purpose and academic profile

The highly selective concentration in Advanced Economics and Finance provides graduates with a unique combination of deep knowledge, skills, and competences to pursue business careers in financial institutions, consulting firms, international corporations, and academia. It is an excellent stepping-stone to pursue a PhD career. Students will acquire in-depth knowledge of state-of-the-art advanced theories and methodologies in economics, finance, and econometrics and their empirical relevance.

Students develop the academic skills and knowledge to discuss, critically reflect on, quantitatively analyze, and solve problems related to complex economic and financial decision-making as investors, in corporations, and for the betterment of society. Moreover, they gain expertise in understanding and forecasting market fluctuations and drivers, market regulation, and exploring cutting-edge ideas in academic research.

Overall, the Advanced Economics and Finance concentration is an excellent choice for academically curious students seeking to reach the forefront of academic research in economic and finance in order to succeed in today's competitive business world.

Competences

Upon graduation, candidates possess:

- A profound theoretical and empirical knowledge of economics, finance, and quantitative methods based on frontier academic research, particularly focusing on the interactions of economic agents (individuals, firms, and regulators) in markets.
- The ability to conduct analyses of extensive quantitative and/or qualitative datasets, critically reflect on the potential conclusions that can be drawn and actions that can be taken based on the analyses, while considering model uncertainty and distinguishing between correlation and causality.
- Critical evaluation and enhancement of decisions made by firms and other economic agents, considering their impact on society and the long-term challenges and needs of humanity.
- An understanding of the trade-off between the private value of an action and its impact on global, local, and intergenerational social welfare.
- Critical reflection on existing research methods and current academic research, enabling transformative exploration of its practical applications.
- The ability to work constructively in a collaborative, international, and multicultural context, appreciating the advantages of such a collaborative learning environment.