

INTENDED LEARNING OUTCOMES OF THE MASTER OF SCIENCE IN FINANCE

CORE AREA OF STUDY

Knowledge and Understanding

Graduates will acquire advanced knowledge related to:	Knowledge and Understanding will be achieved through the following courses:
<ul style="list-style-type: none"> – valuation and investment banking topics, in particular: <ul style="list-style-type: none"> • accounting methods and tools for reading and analyzing corporate and group financial statements • methods and techniques for business valuation • the main investment banking services offered to institutional and corporate clients 	<ul style="list-style-type: none"> – Financial reporting and analysis – Corporate finance (Business valuation) – Investment banking
<ul style="list-style-type: none"> – quantitative finance and risk management topics, in particular: <ul style="list-style-type: none"> • principles of quantitative analysis of financial markets and security derivatives • techniques for stochastic modeling and inferential statistical analysis, as applied in the field of finance • technical aspects of risk measurement and management in banking and insurance institutions and valuation techniques applied to credit ratings 	<ul style="list-style-type: none"> – Quantitative finance and derivatives - module I & II – Theory of Finance – Financial econometrics and empirical finance - module I & II – Risk management and value in banking and insurance
<ul style="list-style-type: none"> – the main European directives and other regulations concerning the financial market 	<ul style="list-style-type: none"> – Financial institutions and markets law

Applying Knowledge and Understanding	
Graduates will be able to:	Ability to Apply Knowledge and Understanding will be achieved through the following courses:
<ul style="list-style-type: none"> – Apply acquired knowledge related to valuation and investment banking topics, in order to: <ul style="list-style-type: none"> • thoroughly read and interpret financial statements and other financial reports • apply business valuation techniques to firms with different corporate structures • manage operations consisting of issuing debt securities and equities in primary markets, and structured finance operations 	<ul style="list-style-type: none"> – Financial reporting and analysis – Corporate finance (Business valuation) – Investment banking
<ul style="list-style-type: none"> – Make use of acquired knowledge related to quantitative finance and risk management topics, in order to: <ul style="list-style-type: none"> • apply suitable quantitative methods and tools to evaluate a vast range of complex financial instruments, as well as apply pricing and hedging and arbitrage techniques using simple and complex derivatives • apply techniques of probabilistic modelling and inferential analysis to make investment and risk management decisions. • apply risk measurement techniques, commonly used by banks and insurance companies, and identify appropriate risk management actions; assess credit ratings assigned by financial intermediaries 	<ul style="list-style-type: none"> – Quantitative finance and derivatives - module I & II – Theory of Finance – Financial econometrics and empirical finance – module I & II – Risk management and value in banking and insurance
<ul style="list-style-type: none"> – Assess the constraints and opportunities offered by the key regulatory provisions as applied to securities market 	<ul style="list-style-type: none"> – Financial institutions and markets law

CUSTOMIZED AND LINGUISTIC AREA OF STUDY

Knowledge and Understanding

Graduates will have acquired wide-ranging and in-depth knowledge of their choice related to topics in specific areas, identified based on their interests and in line with the educational program.

Regarding languages, graduates will strengthen their knowledge in English (which is an entry requirement) in order to achieve, at least, a B2 business level; moreover, they will acquire knowledge of a second EU language (Italian: at least level A2; other EU language among those listed in the University Guide: at least level B1 business.).

In the English version of the program, the Italian requirement for non-Italian native speakers is fulfilled by Italian as compulsory second foreign language. In the Italian version of the program, the Italian requirement for non-Italian native speakers is fulfilled by the entry pre-requisite.

Applying Knowledge and Understanding

Graduates will be able to apply the methodologies acquired during the study program and use related practical tools; over time, they will be able to analyze and interpret the environmental context of reference for issues related to the areas of the study program and apply the logical methods acquired for tackling any new problems that may emerge during their professional lives.

Regarding languages, graduates will demonstrate abilities in English, written and oral comprehension and expression (at least post intermediate – business level) and abilities in another EU language (at least elementary level; the exit level depends on the language, Italian or other EU language).

Making Judgements	Graduates will acquire the ability to integrate knowledge, manage complexity and make judgements even with partial information, including considerations and assessments regarding social responsibility and ethics related to the application of economics and financial competences.
Communication	Graduates will acquire skills and tools appropriate for the management and transfer of information, both to specialists and non-specialists of the topic. In particular, they will be able to express themselves clearly and effectively in any setting. They will be able to make a presentation in public using the most modern IT tools.
Lifelong Learning Skills	Graduates will acquire learning skills that allow them to be autonomous in updating and developing their knowledge and competences related to financial markets and institutions.