

INTENDED LEARNING OUTCOMES OF THE MASTER OF SCIENCE IN ECONOMIC AND SOCIAL SCIENCES

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"> – quantitative models and methods used in social sciences, in particular: <ul style="list-style-type: none"> • key mathematical methods for modern economic and financial theory; • main topics of statistical inference with particular reference to the main optimality criteria used for determining estimators and statistical tests; • econometric theory and applied methodologies of linear and non-linear econometric models, as well as predictive methods for financial and macroeconomic variables 	<ul style="list-style-type: none"> – Advanced mathematics for economics and social sciences – Advanced statistics for economics and social sciences – Econometrics
<ul style="list-style-type: none"> – institutional analysis of the economic system, in particular: <ul style="list-style-type: none"> • methodologies for collecting and analyzing data needed to design and implement a social sciences research project and the role and organization of the state, institutions and society, including a historical outlook and a particular focus on complex interactions between the various elements • aims of antitrust law and the role of competition in market rules and regulations 	<ul style="list-style-type: none"> – Institutions, government and society – module I + module II – Competition 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 to economic and social sciences: <ul style="list-style-type: none"> • mathematical; • statistical; • econometric; suitable methodologies to analyze financial and economic variables and interpret complex phenomena 	<ul style="list-style-type: none"> – Advanced mathematics for economics and social sciences – Advanced statistics for economics and social sciences – Econometrics
<ul style="list-style-type: none"> – Make use of the acquired knowledge related to institutional analysis of the economic system, in order to: <ul style="list-style-type: none"> • apply the main research methods to investigate institutions in formulating public policies. interpret the main research outcomes and the functioning of economic systems with an integrated outlook; • analyze and assess, also in a historical perspective, the most important decisions in the field of antitrust law. 	<ul style="list-style-type: none"> – Institutions, government and society – module I + module II – Competition 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 issues of basic economics, applied economics and social sciences and quantitative subjects, as well as knowledge 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. Italian is compulsory for non-Italian native speakers).

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 – and on the student’s entry level).

Making Judgements	Graduates will acquire the ability to integrate knowledge, manage complexity and make judgements even with partial information, including considerations regarding social responsibility and ethics related to the application of economic knowledge.
Communication	Graduates will acquire skills and tools appropriate for the management and transfer of information in written and oral form, 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 in economics and quantitative areas in various professional contexts. Graduates will be able to produce original research results using traditional and non-traditional sources (e.g. academic papers) in order to improve their critical thinking and contribute to research results in general.