

Master's Degree in Applied Economic Analysis

Generals

- Analyse and solve complex economic problems by using the methodological tools (theoretical and practical) acquired.
- Communicate conclusions, knowledge and reasoning to specialized and non-specialized audiences in a clear and unambiguous way.
- Use quantitative tools for the analysis and understanding of economic phenomena and carry out economic research.
- Integrate knowledge and face the complexity of decision making on the basis of information which, albeit incomplete and limited, includes considerations of social and ethical responsibilities linked to the application of their knowledge and judgment

Specific

- Be able to formulate and solve advanced problems of consumer theory and demand under conditions of market imbalances, uncertainty and asymmetric information.
- Ability to assess variations in the level of individual and collective well-being and their implications for resource allocation.
- Being able to identify economic problems of market functioning in contexts of uncertainty and imperfect competition.
- To know and understand the techniques commonly used in economics to represent the behaviour of economic agents and their economic decision processes.
- Understand how new models of economic growth work and their relevance to economic convergence and growth accounting.
- To be able to understand, develop and apply models of economic cycles and fluctuations in the context of globalisation.
- Ability to understand the role of economic institutions in the growth process based on knowledge of the laws governing the economy in the long term.
- Ability to understand, develop and apply longitudinal models (panel data) to analyse economic-business reality.
- Ability to apply advanced techniques of instrumental analysis suitable for testing the empirical validity of different economic theories.
- Possess a broad knowledge of static and dynamic econometric models and be able to use them in economic and business models.
- Acquire the ability to produce and publicly defend reports of economic quality and accuracy.
- Master the concepts and advanced techniques of optimization and dynamic systems, essential for an up-to-date study of economic analysis.

- To acquire and use relevant knowledge of basic and advanced statistical techniques, developed in a rigorous context.
- Ability to recognize and handle proficiently the main economic and business databases.

For additional information, see the [Memorandum](#)