

UNIVERSIDAD DE NAVARRA MASTER IN ECONOMICS AND FINANCE (MEF)



AREA OF ECONOMICS
AND BUSINESS

CAMPUS PAMPLONA



Universidad
de Navarra

M' PROGRAMAS
MÁSTER

Since its creation in 1999, the goal of the Master in Economics and Finance (MEF) offered by Universidad de Navarra has been that of preparing competent professionals.

STUDENT PROFILE

The program is mainly designed for graduates in the fields of Economics, Business Administration and Management or those with a solid background in quantitative studies and skills, from fields such as Engineering, Mathematics and Physics.

PRESENTATION

The MEF provides students with the necessary analytical and theoretical foundations for both entering into a PhD program and working in companies that look for rigorously trained specialists (such as national or international organizations, central banks, investment and commercial banks, economic or financial consultancies, and regulators).

After gaining a fundamental understanding of Finance, Econometrics, Micro- and Macroeconomics, Mathematics and Statistics in the first term, the second term is more applied leading eventually to topics-oriented courses in the third term in which students work with data and acquire programming skills. Throughout the academic year, the students attend research seminars and present working papers or published articles to gain a deeper understanding of economic and financial research, which culminates in the Master thesis. The best theses have been published in refereed academic journals.



OBJECTIVES

The MEF aims to:

- » Provide a current and solid theoretical base.
- » Develop the analytical skills needed for practical work and research.
- » Encourage involvement in research projects and familiarize the student with current fields of research.
- » Make the student feel confident with the use and application of theoretical concepts and the preparation and analysis of models.
- » Provide the student with the appropriate quantitative training to carry out doctoral studies at any worldwide leading institution.

METHODOLOGY

The course consists of both lectures and practical work by the students on exercises and problems. Much of the work requires the use of computer programs in the fields of economics and finance. The students are required to prepare throughout the year brief presentations of seminal articles in the economics and finance literature.



ENRIQUE ANDREU
SENIOR VICE PRESIDENT COMPASS LEXECON
MASTER IN ECONOMICS AND FINANCE
1999-2000

Undertaking the MEF programme critically contributed to my training in the tools of economic and econometric analysis required for a technically demanding job both in the private and the public sector.

CAREERS

Our alumni work currently for institutions like the Inter-American Development Bank, the Bank of Spain, the Organisation for Economic Co-operation and Development (OECD) or market regulators in Spain; for leading investment banks like Goldman Sachs or Morgan Stanley, both in the US and the UK; for economic consultancies like Compass Lexecon or management consultancies like Oliver Wyman or Indra; or in other companies, such as, as Chief Risk Manager of Repsol, Energy Demand Analyst at OPEC, in Arcelor Mittal, in Thomson Reuters or in The Toronto-Dominion Bank.

Alumni which decided for a career in academia recently moved to universities, such as, Columbia University (Assistant Professor), Rice University in the US, London School of Economics, The London Business School in Europe, IESE Business School.



CREDITS	60 ECTS
DURATION	1 year
TYPE	On campus / Full time
START DATE	First week of September
CAMPUS	Pamplona
LANGUAGE	English
CONTACT	mef@unav.es



JAMES ORLANDO
ECONOMIST AT TD BANK
MASTER IN ECONOMICS AND FINANCE
2013-2014

The MEF provided me the knowledge and skills to be an impactful economist. From exposure to the newest economic methods, to practical research projects, the program gave me the foundation that is in demand by employers.

STRUCTURE

SUBJECTS	ECTS
» Mathematical analysis for economic research	3.5
» Economic theory I: general equilibrium and welfare analysis	3.5
» Economic theory II: advanced macroeconomics	3.5
» Economic theory III: industrial economics	3.5
» Econometrics I: advanced econometrics	3.5
» Econometrics II: microeconometrics	3.5
» Finance I: Investment theory under uncertainty	3.5
» Finance II: financial risk management	3.5
» Finance III: financial econometrics	3.5
» Topics in economics and finance I	3.5
» Topics in economics and finance II	3.5
» Topics in economics and finance III	3.5
» Topics in economics and finance IV	3.5
» Research seminars	6
» Research project	8.5

The Master in Economics and Finance is among the top three in Spain and one of the most recognized in Europe according to Best Masters.



CONTENT

MATHEMATICAL ANALYSIS FOR ECONOMIC RESEARCH

The aim of this course is to fully cover the main concepts and techniques of mathematical analysis, probability and statistics that will be required for the rest of the Master's Program.

ECONOMETRICS

Basic statistical and econometric techniques used in microeconomic data analysis; temporal series analysis.

ECONOMIC THEORY

Development of the main ideas and techniques required for general equilibrium model analysis; analysis of recent macroeconomic models with neo-classical features: analysis of models that prompted the theory of industrial organization.

FINANCE

Introduction to modern financial theory; the concept of market risk and risk assessment models; the concept of credit risk and measurement models.

TOPICS IN ECONOMICS AND FINANCE

The program will show students different areas related to economics and finance, so they can target their academic profile to one or another field.

RESEARCH SEMINARS

Students must attend and actively participate in Research Seminars that take place every week at the School of Economics and Business Administration and whose components are members of the School and professors of important national and foreign institutions.

RESEARCH PROJECT

The research project consists on the elaboration of an original research paper on a topic related to one of the subjects studied during the program. It should represent a significant contribution to the subject from a theoretical or empirical point of view, and be of sufficient quality to be published in a scientific journal.

FACULTY

The School of Economics and Business Administration provides an active and demanding research atmosphere with a highly international profile. Professors meet weekly to attend seminar presentations by colleagues from European and Non - European universities. Attendance to these seminars is compulsory for the Master in Economics and Finance's students.

As well as professors from the University of Navarra, some of the speakers from past years visited us from:

- » Australian National University
- » Banco de España
- » Bank of England
- » Carlos III University
- » Columbia University
- » Complutense University
- » IESE Business School
- » London School of Economics
- » Pompeu Fabra University
- » Princeton University
- » Schroders
- » Spanish National Research Council (CSIC)
- » UCLA
- » University of Pennsylvania



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