



UNIVERSITÀ
DI PISA



Sant'Anna
School of Advanced Studies – Pisa

**Lively scientific community, education of excellence
and international attitude are the key characteristics of the
Sant'Anna School of Advanced Studies and the University of Pisa**



UNIVERSITY OF PISA

The University of Pisa, one of the oldest in the world, is committed to promoting quality in all areas of research and teaching. It has been successful in maintaining its resources and infrastructures to meet the new challenges, as well as its attractiveness for international students and researchers. In the University of Pisa, Dipartimento di Economia e Management is one of the biggest department, with lively research activities in applied mathematics, economics, management, and statistics. It serves about 6000 students, both at undergraduate and postgraduate level, coming from Italy, as well as from other countries of the world.



SANT'ANNA SCHOOL OF ADVANCED STUDIES

Sant'Anna School of Advanced Studies aims at experimenting innovative paths in research and education. Professors and researchers live and interact with students, enjoying a continuous cultural and intellectual exchange. The Institute of Economics carries out research and training activities in the field of empirical and theoretical economics and favours dialogue between empirical investigations, theoretical developments and normative contributions, offering an interdisciplinary environment in which different research interests and competencies, ranging from Economics, to Information Sciences, Mathematics and Physics meet and can be fruitfully integrated.

CONTACTS



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MASTER OF SCIENCE IN ECONOMICS





WHY MSE IN PISA?

The “Master of Science in Economics” is a two year master programme, completely taught in English, jointly organized by the University of Pisa and Sant’Anna School of Advanced Studies.

It is a programme of scientific excellence enhancing the abilities of students of analyzing economic phenomena at different levels: firms, industry, national and international. It provides the basic skills for professionals able to interpret the fast-changing economics environment of the 21st century. The quantitative and statistical nature of the program also serves as an excellent background for PhD programmes and other research-focused jobs.

Career opportunities are mainly focused in professions with strong research content within corporations, international organizations, public or private research centers, consulting firms, regulatory authorities, central banking, other professions requiring strong analytical skills within consultancies and financial institutions, as well as professional academic careers in the areas of economics, statistical analysis, economic history, social sciences and applied mathematics.

REQUIREMENTS FOR ADMISSION

Applications can be submitted by graduate and undergraduate students, provided that the latter expect to graduate before the 31st of December.

In order to gain admission to MSE program, the candidate must possess a very good knowledge at the undergraduate level of theoretical and quantitative tools and have a strong motivation.

PROGRAM OVERVIEW

It is a two year master (120 ECTS), completely taught in English. In the 1st year students find mandatory and fundamental activities, while the 2nd year is demanded to elective activities, where students can tailor a personal specialization track toward the final Master Dissertation.

Two different curricula:

- *General Economics (GE);*
- *Official Statistics (OS) - labelled by the European Commission with EMOS (European Master in Official Statistics).*

FIRST YEAR (60 ECTS)

Advanced Econometrics (9 ECTS)
Advanced Macroeconomics (12 ECTS)
Advanced Microeconomics (12 ECTS)
Advanced Statistics (9 ECTS)

Curriculum General Economics (GE)

Mathematical Methods for Economics (12 ECTS)
European Economic Law (6 ECTS)

Curriculum in Official Statistics (OS)

Official Statistics (Internship) (12 ECTS)
European Economic Law (6 ECTS)

SECOND YEAR (60 ECTS)

Student's choice for a total of 12 ECTS:

Business and Society (6 ECTS)
Corporate Finance (6 ECTS)
Economics of Management and Innovation (6 ECTS)
Regional Development (6 ECTS)

Curriculum General Economics (GE)

Student's choice for a total of 24 ECTS:

Small Area Methods for Analysis of Multidimensional Poverty Data and Seminars (9 ECTS)
Analysis of Survey data and Small Area Estimation* (6 ECTS)
Classical Economics (3 ECTS)
Computational Economics (6 ECTS)
Economic Growth in History (9 ECTS)
Economic Policy (6 ECTS)
European Indicators of Poverty and Vulnerabilities for Sustainable Development Goal and Seminars (9 ECTS)
European Statistical System and Data Production Model* (6 ECTS)
Financial Economics (9 ECTS)
Public Economics (6 ECTS)
Globalization and Economic Development (6 ECTS)
History of Economic Thought (6 ECTS)
Industrial Economics (6 ECTS)
International Political Economy (6 ECTS)
Labour Economics in an European Perspectives (6 ECTS)
Mathematical Methods for Financial Markets (6 ECTS)
Survey Methods (6 ECTS)
The Economics of European Regions (9 ECTS)
The Economics of European Union (6 ECTS)
Time Series Econometrics (6 ECTS)
Student's free choice (9 ECTS)

Final dissertation (15 ECTS)

Curriculum in Official Statistics (OS)

European Statistical System and Data Production Model (6 ECTS)
Survey Methods (6 ECTS)

Student's choice for a total of 6 ECTS:

Analysis of Survey Data and Small Area Estimation* (6 ECTS)
Time Series Econometrics (6 ECTS)

Final dissertation in Official Statistics (30 ECTS)

