

## ABOUT UNIVERSITY OF PISA

The University of Pisa, one of the **oldest in the world**, has been extraordinarily successful in updating and maintaining its infrastructures and human resources to meet the new challenges, it is committed to **promoting quality in all areas of research and teaching**, and to making all our programs available to an increasing number of international students and researchers.

**Departments of Economics and Management** is one of the biggest department in the University, with researches in the fields of management, economics, statistics and applied mathematics with a staff of about 70 researchers and professors and more than 4000 students, both at the under and post graduate level.

## ABOUT SANT'ANNA SCHOOL OF ADVANCED STUDIES

**Sant'Anna School of Advanced Studies** is a **public university institute** - with special autonomy which aims at experimenting innovative paths in research and education. Professors and researchers live and interact with the students, enjoying a continuous **cultural and intellectual exchange**.

Due to its international nature, **education of excellence and scientific community**, the Sant'Anna School of Advanced Studies and the University of Pisa, established themselves as a reference both in Italy and abroad.

## CONTACTS

MSE Management Team  
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UNIVERSITÀ DI PISA



**Sant'Anna**  
School of Advanced Studies – Pisa

DIPARTIMENTO DI ECONOMIA E MANAGEMENT

**MASTER OF SCIENCE IN ECONOMICS**  
2017/2018



[www.mse.ec.unipi.it](http://www.mse.ec.unipi.it)



## WHY MSE IN PISA?

- ⇒ "Master of Science in Economics" is a **joint programme** at the **University of Pisa and Sant'Anna School of Advanced studies**;
- ⇒ It provides students with an advanced training in economics supported by the complementary **quantitative and statistical tools**;
- ⇒ The central aims of the program is to enhance the abilities of students of **analyzing economic phenomena at different levels**: firms, industry, national and international;
- ⇒ It provides **skills representing the ideal foundation for the development of professionals** able to interpret the fast-changing economics environments of the 21st century.
- ⇒ **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 closing date for enrollment (**December 31**).
- ⇒ - In order to gain admission to MSE program, the candidate must possess a **good knowledge at the undergraduate level of theoretical and quantitative tools**.
- ⇒ - All candidates must be able to understand and express themselves **both in spoken and in written English**.

## PROGRAM OVERVIEW

It is a **2-years** Master (120 ECTS), completely taught in English.  
It offers two different curriculum: 1) *General Economics (GE)*; 2) *Official Statistics (OS)* - **labelled with by the European Commission with EMOS (European Master in Official Statistics)**

- 1st year: mandatory and fundamental activities.
- 2nd year: elective activities. Student can tailor a personal specialization track toward the final Master Dissertation.

## 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)

### Curriculum General Economics (GE)

**Student's choice for a total of 12 ECTS:**  
Auditing and Management control (6 ECTS)  
Business and Society (6 ECTS)  
Economics of Management and Innovation (6 ECTS)  
Financial Accounting and IAS/IFRS (6 ECTS)

**Student's choice for a total of 24 ECTS**  
Analysis of European Data by Small Area Methods (9 ECTS)  
Analysis of Survey data and Small Area Estimation (6 ECTS)  
Computational Economics (6 ECTS)  
Economics of Growth in History (9 ECTS)  
Economic Policy (6 ECTS)  
European Local Indicators of Poverty and Living conditions (9 ECTS)  
European Stat. System and Data Prod. Model (6 ECTS)  
Financial Economics (9 ECTS)  
Globalization and Economic Development (6 ECTS)  
Industrial Economics (6 ECTS)  
Public Economics (9 ECTS)  
Quantitative Economics for European Union (9 ECTS)  
Survey Methods (6 ECTS)  
The Economics of European Union (6 ECTS)  
Time Series Econometrics (6 ECTS)  
Fixed interest securities: theory and application (3 ECTS)  
History of Economic thought (6 ECTS)  
Statistical models for program evaluation (6 ECTS)  
Student's free choice (9 ECTS)

**FINAL DISSERTATION (15 ECTS)**

### Curriculum in Official Statistics (OS)

European Stat. Syst. and Data Prod. Model (6 ECTS)  
Survey Methods (6 ECTS)

**Student's choice for a total of 12 ECT**  
Auditing and Management control (6 ECTS)  
Business and Society (6 ECTS)  
Economics of Managem. and Innovation (6 ECTS)  
Financial Accounting and IAS/IFRS (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)**



**EMOS LABELLED PROGRAMME**

**DEADLINE TO APPLY: 15 MAY 2017**

