

FACULTY: **ECONOMICS**

DEGREE COURSE: **ECONOMICS**

MASTER DEGREE: **ECONOMICS**

SUBJECT: ECONOMIC STATISTICS

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OBJECTIVES

This course aims to provide students with:

- advanced knowledge in the management of all the sources of statistical data, index numbers and time series;
- advanced knowledge in the processing of models related to macro-economic data;
- ability to apply methodologies of economic and business sciences to analyze the complexity of economic, social and demographic phenomena in a dynamic perspective;
- ability to understand the phenomena in order to be able to develop and/or to apply innovative proposals;
- ability to apply knowledge and understanding in the management of quantitative phenomena related to the economy in general;
- independent judgement in the collection and quantitative representation of data.

CONTENTS

1 Introductory subjects

2 Methods and Tools for the Analysis of Time Series

3 Analysis of complex Systems of data through the use of Multivariate Statistics

4 National Accounting

ASSESSMENT

Written exam: multiple choice and open questions

RECOMMENDED TEXTBOOKS

- Levi M., "The Macroeconomic Environment of Business (Core Concepts and Curious Connections)", World Scientific Publishing, 2014
- Regulation (EU) No 549/2013 of 21 May 2013 references to the European system of national and regional accounts in the European Union - G.U. L.174 of 26.6.2013.