

ECONOMIC AND BUSINESS INFORMATION

Degree(s)	: Economics; Management
Type	: Compulsory course unit
Curricular year/semester	: 1st year - 1st / 2nd Semester Management (1st Semester) Economics (2nd Semester)
ECTS / hours per week	: 6 ECTS / 4.0 Hours
Workload per week	: 2 Theoretical / Practical x 2 Hours
Teacher responsible	: Professor Vítor Manuel Alvares Escária

OBJECTIVES

- To introduce students to applied economic methods
- To introduce descriptive statistics concepts and data analysis techniques
- To introduce students to information research and processing techniques
- To introduce the use of spreadsheets

PROGRAM

1. Main features of empirical analysis of economics and business data

- 1.1. Characteristics of empirical work in economics and business*
- 1.2. Empirical work in economics and business: Types of information*
- 1.3. Empirical work in economics and business: techniques*
- 1.4. The use of spreadsheets*

2. Statistical data analysis of economics and business data: methods and techniques

- 2.1. Main concepts
- 2.2. Data reduction
- 2.3. Absolute and relative variations
- 2.4. Index numbers
- 2.5. Time series
- 2.6. Relationships between variables

3. Analysis of information: methods and techniques

- 3.1. Search procedures
- 3.2. Analysis of information: techniques
- 3.3. Data sources

4. Writing economics data statistical analysis reports

- 4.1. Writing reports
- 4.2. Making presentations

BIBLIOGRAPHY

Recommended Bibliography:

- [Barrow, M. \(2009\)](#), Statistics for Economics, Accounting and Business Studies, Prentice Hall.