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Master in	Business Economics
Academic year	2015-2016
Semester	First
ECTS / CFU	10 cfu
Scientific Area Code	SECS-S/01

Course unit title **Statistics I A-K (a.a. 2015-2016)**

(Prof. Massari Antonella)

University of Bari Aldo Moro

Master in Business Economics

Aims of the course

Objectives of the course

Statistics I is an introductory course of statistics with the objective of providing the concepts and instruments essential for the descriptive analysis of collective phenomena. The purpose of the course is to develop the critical faculties necessary to apply the proposed methodology to real cases in the most suitable way.

Course content

Programme

Introduction to Statistics

Data collection and classification

Various types of statistical tables

Graphic representation

Statistical ratios

Averages

Variability: measurement of dispersion and disparity

Asymmetry: normal curve and skewness

Analytical representation of distributions

General concepts of the internal relations between the components of a double statistical variable

Analysis of Dependence

Analysis of Interdependence

Analysis of statistical mutables

Compulsory reading – study material

Bibliography

G. GIRONE. Statistica, Bari, Cacucci, 2009.

D. POSA - S. DE IACO - M. PALMA - S. MAGGIO, Esercizi di Statistica descrittiva, G. Giappichelli Ed., Torino, 2006.

P. PERCHINUNNO, V.C. DENICOLO', Esercizi di statistica, CLEUP, 2010.

Teaching methods

- Direct contact
Lectures: No
Tutorials: Yes
- Personal work
Case studies – in group: No

Assessment methods

- Assignment: No
- Written without oral presentation: Yes
- Oral presentation: Yes

This course is in e-learning Web Site area: No