

Professor name	MASSARI ANTONELLA
Master in	Business Economics
Academic year	2015-2016
Semester	First
ECTS / CFU	8
Scientific Area Code	SECS-S/01

Course unit title *Statistics II* (a.a. 2015-2016)
(Prof. Massari Antonella)

University of Bari Aldo Moro
Master in Business Economics

Aims of the course

The objective of the course of *Statistics II* is to provide the fundamental elements of Inferential Statistics examining the aspects which are considered most relevant from both the conceptual and applicative perspectives. Arguments related to the application of statistical methodologies in a business context will also be introduced.

Course content

Programme

Partial and multiple regression and correlation
Time series analysis
Spatial series analysis
Introduction to statistical inference
Causal variations and their distribution
Logic and techniques of inference
Problems of inference on averages
Problems of inference on percentages
Problems of inference on variances
Problems of inference on regression and correlation coefficients
Statistical sampling in auditing
Statistical analyses of business diagnosis

Compulsory reading – study material

Bibliography

For the part of the programme related to statistical sampling in auditing and statistical analyses of business diagnosis lecture notes will be provided during the course.

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

Teaching methods

- Direct contact

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

Assessment methods

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

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