

<b>Professor name</b>	MASSARI ANTONELLA
<b>Master in</b>	Business Economics
<b>Academic year</b>	2016-2017
<b>Semester</b>	First
<b>ECTS / CFU</b>	8
<b>Scientific Area Code</b>	SECS-S/01

**Course unit title *Statistics II* (a.a. 2016-2017)**  
**(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 by seminars.

**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

**Seminar on:**

Statistical sampling in auditing  
Statistical analyses of business diagnosis

Bibliography

G. GIRONE. *Statistica*, Bari, Cacucci, last edition  
About seminars lecture notes will be provided during the course.

**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