

General Information	
Academic subject	Statistics II
Degree course	Business Economics
Curriculum	
ECTS credits	8
Compulsory attendance	Recommended
Language	Italian

Subject teacher	Antonella Massari	antonella.massari@uniba.it	

ECTS credits details	Statistics II	SECS-S/01	8
Basic teaching activities			

Class schedule	
Period	I semester
Year	2017-2018
Type of class	Lectures, exercises, seminars (about the application of statistical methodologies in a business context)

Time management	
Hours	56
Hours of lectures	40
Tutorials and lab	16

Academic calendar	18/09/2017
Class begins	15/12/2017
Class ends	

Syllabus	
Prerequisites/requirements	Descriptive Statistics
Expected learning outcomes	<p>The course aims to:</p> <ul style="list-style-type: none"> - Provide awareness of statistical methodology for analysis of partial and multiple regression and correlation, analysis of historical and territorial series and fundamentals of Inferential statistics, taking into account those aspects deemed to be the most relevant from a conceptual and applied point of view, in a business context, - supply useful skills for the application of inferential methodology to practical cases, - supply competence in connection with the use of statistical methodology in a business context (by seminars :statistical sampling in auditing and statistical analysis in business diagnosis)
Contents	<p>Partial and multiple regression and correlation Time series analysis Spatial series analysis Introduction to statistical inference Causal variables and their distribution Logic and techniques of inference Problems of inference on averages Problems of inference on percentages Problems of inference on variances</p>

	<p>Problems of inference on regression and correlation coefficients</p> <p>Seminar on: Statistical sampling in auditing Statistical analyses of business diagnosis</p>
Course program	
Bibliography	G. GIRONE, "Statistica", Bari, Cacucci, last edition
Notes	About seminars :Lecture notes will be provided during the course
Teaching methods	Lectures, exercises, seminars (about the application of statistical methodologies in a business context)
Assessment methods	Oral exam including the application of Statistical methodology to practical cases and interpretation of results
Evaluation criteria	<p>The candidate will be able to:</p> <ul style="list-style-type: none"> - demonstrate basic knowledge of Inferential Statistical methodology and of the analysis of partial and multiple regression and correlation, as well as analysis of historical and territorial series, - apply this methodology to the solution of practical cases - show skill in relation to the ability to choose the most suitable statistical instruments for the analysis of inferential problems, apply autonomous judgement to the interpretation of results and be able to obtain useful information from data, as an aid to the most effective decision making, above all in a business context.
Further information	