

General Information	
Academic subject	Statistics I
Degree course	BUSINESS ECONOMICS
Curriculum	
ECTS credits	10
Compulsory attendance	Recommended
Language	Italian

Subject teacher	Antonella Massari	antonella.massari@uniba.it	

ECTS credits details	Statistics I	SECS-S/01	10
Basic teaching activities			

Class schedule	
Period	II semester
Year	2018-2019
Type of class	Lectures, exercises, seminars(univariate and bivariate analysis by Excel)

Time management	
Hours	70
Hours of lectures	56
Tutorials and lab	14

Academic calendar	
Class begins	18/02/2019
Class ends	07/06/2019

Syllabus	
Prerequisites/requirements	Basic Knowledge of Math
Expected learning outcomes	<p>The course aims to:</p> <ul style="list-style-type: none"> - provide basic knowledge of statistical methodology for descriptive analysis of social, economic, business and financial phenomena, - provide skills useful for the development of critical formation needed to apply descriptive statistical methodology to practical cases, above all in a business context, - supply competence in relation to the acquisition, processing, presentation and interpretation of data (in univariate and bivariate analysis), to allow for effective use of qualitative and quantitative information in a business context
Contents	<p>Cap 1 Introduction to Statistics Cap 2 Data collection and classification Cap 3 Statistical tables Cap 4 Graphic representation Cap 5 Statistical ratios Cap 6 Averages Cap 7 Variability: measurement of dispersion and inequality Cap 8 Asymmetry: normal curve and skewness Cap 9 Analytical representation of distributions</p>

	<p>Cap 11 General concepts of the internal relations between the components of a double statistical variable</p> <p>Cap 12 Analysis of Dependence</p> <p>Cap 13 Analysis of Interdependence</p> <p>Cap 14 Analysis of statistical mutable</p>
Course program	
Bibliography	<p>1) G. GIRONE, "Statistica", Bari, Cacucci, last edition</p> <p>2) P. PERCHINUNNO- V. C. DE NICOLO', "Esercizi di Statistica", CLEUP, 2010</p> <p>3) D. Posa – S. Deiacco – M. Palma – S. Maggio "esercizi di Statistica descrittiva" G. Giappichelli, Torino, 2006</p>
Notes	<p>The textbook for the study of methodology is Girone.</p> <p>For practical applications and exercises the reference texts are: P. PERCHINUNNO- V. C. DE NICOLO', "Esercizi di Statistica", CLEUP, 2010;</p> <p>D. Posa – S. Deiacco – M. Palma – S. Maggio "Esercizi di Statistica descrittiva" G. Giappichelli, Torino, 2006</p> <p>Perchinunno De Nicolo '.</p>
Teaching methods	<p>Lectures</p> <p>, exercises, seminars</p>
Assessment methods	<p>Written exam based on 15 questions with multiple choice and oral interview with the simultaneous correction of the written test</p>
Evaluation criteria	<p>The candidate will be able to:</p> <ul style="list-style-type: none"> - show awareness of statistical methodology for univariate and bivariate descriptive analysis of collective phenomena, - apply knowledge acquired to practical cases, showing effective orientation in the choice of instruments of measurement and indexing, and demonstrating independent judgement in the interpretation of results, - above all gain familiarity with data acquisition ,processing,, presentation and interpretation (by means of averages, variability indexes, form of distribution and analysis of the relationship between characters), with a view to transforming the information collected into an awareness which will prove useful in the decision making process in a business context.
Further information	