

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

<b>Subject teacher</b>	Antonella Massari	antonella.massari@uniba.it	

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

<b>Class schedule</b>	
Period	II semester
Year	2017-2018
Type of class	Lectures, exercises, seminars(univariate and bivariate analysis by Excel)

<b>Time management</b>	
Hours	70
Hours of lectures	50
Tutorials and lab	20

<b>Academic calendar</b>	
Class begins	19/02/2018
Class ends	08/06/2018

<b>Syllabus</b>	
Prerequisites/requirements	Basic Knowledge of Math
Expected learning outcomes	<p>The course aims to:</p> <ul style="list-style-type: none"> <li>- provide basic knowledge of statistical methodology for descriptive analysis of social, economic, business and financial phenomena,</li> <li>- provide skills useful for the development of critical formation needed to apply descriptive statistical methodology to practical cases, above all in a business context,</li> <li>- 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</li> </ul>
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"> <li>- show awareness of statistical methodology for univariate and bivariate descriptive analysis of collective phenomena,</li> <li>- 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,</li> <li>- 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.</li> </ul>
Further information	