General Information	
Academic subject	Data Mining
Degree course	Economia ed Amministrazione delle Aziende
Curriculum	
ECTS credits	<u>6</u> CFU/ECTS
Compulsory attendance	No
Language	Italian (English on demand)

Subject teacher	Name Surname	Mail address	SSD
	Massimo Bilancia	massimo.bilancia@uniba.it	SECS-S/01
		_	(Statistica)
ECTS credits details			
Basic teaching activities			

Class schedule	
Period	First Semester
Year	<u>First Year</u> ⊧ <sup>≙</sup>
Type of class	Frontal lectures and lab exercises

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Time management	
Hours	<u>150</u>
In-class study hours	<u>48</u>
Out-of-class study hours	1 <u>02</u>

Academic calendar	
Class begins	September <u>1425,</u> 20 <u>20</u> 19
Class ends	December 2 <u>2</u> +, 20 <u>20</u> +9

Syllabus		
Prerequisites/requirements		
Expected learning outcomes	<ul> <li>The course aims to provide the basic elements of time series econometrics</li> <li>The student will learn to estimate and use in practice the models learned during the theoretical part of the course, through the use of the most used data analysis tool, with specific applications to market forecasting and financial time series.</li> <li>The student will be able to decide on the most appropriate model to be used to generate forecasts in the various fields of application envisaged (economic and financial series, sales analysis, volume and traffic time series forecasts).</li> <li>At the end of the course, the student will have acquired the necessary preparation to generate reports containing economic/financial forecasts.</li> <li>The course aims to provide the basic elements of time serie econometrics, on which to base the possibility of following courses of a more advanced nature in econometrics.</li> </ul>	
Contents	Part I.	 Formattato: Interlinea: singola
	I. Basic tools for forecasting	
	32Simple regression	

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**Formattato:** Interlinea: singola