

<b>General Information</b>	
Academic subject	Financial Mathematics
Degree course	Business Economics
Curriculum	
ECTS credits	6
Compulsory attendance	No
Language	Italian

<b>Subject teacher</b>	Name Surname	Mail address	SSD
	Viviana Fanelli	viviana.fanelli@uniba.it	SECS/S-06

<b>ECTS credits details</b>			
Basic teaching activities	Lectures	Tutorials	

<b>Class schedule</b>	
Period	First semester
Year	First
Type of class	Lecture- workshops

<b>Time management</b>	
Hours	42
Hours of lectures	
Tutorials and lab	

<b>Academic calendar</b>	
Class begins	16/09/2019
Class ends	30/11/2019

<b>Syllabus</b>	
Prerequisites/requirements	Passing the exam of Mathematics for Economics is required.
Expected learning outcomes	<ul style="list-style-type: none"> <li>• Knowledge of financial assets and their evaluation.</li> <li>• The ability of the autonomous use of the financial techniques in several activities and works in the financial sector.</li> </ul>
Contents	<p>The basic rules for financial compounding. Interest rate estimation.</p> <p>Annuities. Accumulated and discounted values of an annuity. Temporal indices of an annuity.</p> <p>Loans. Kinds of amortization. Value of a debt.</p> <p>Financial evaluation. Internal Rate of Return (IRR), fixed-income government bonds, TAN and APR.</p> <p>Elements of asset allocation.</p>
<b>Course program</b>	
Bibliography	<p>Teaching material can be downloaded at <a href="http://www.uniba.it/docenti/fanelli-viviana/attivita-didattica">http://www.uniba.it/docenti/fanelli-viviana/attivita-didattica</a></p> <p>R.L. D'Ecclesia e L. Gardini, Appunti di matematica finanziari. Parte I. Giappichelli, Ultima Edizione</p> <p>Daniele Ritelli, Matematica Finanziaria, Esculapio Editore, Bologna</p> <p>Fabrizio Cacciafesta, Lezioni di Matematica Finanziaria classica e moderna, G. Giappichelli Editore, Torino</p>
Notes	

Teaching methods	Lectures
Assessment methods	Examination of Financial Mathematics consists of a written test and a subsequent oral examination.
Evaluation criteria	<p>The student will be able to expose the topics covered in the course and solve related exercises.</p> <p>The student will be able to use the financial techniques in several activities and works in the financial sector.</p>
Further information	