Instructor's name	Sabrina Diomede
BA	Marketing and Business Communication
Academic year	2014/2015
Term	second
Credits	6
Subject area	SECS S/06

Course of Financial Mathematics

(Prof. Diomede Sabrina)

Università degli Studi di Bari Aldo Moro

BA in Marketing and Business Communication

Pre requisites:
Elements of differential and integral calculus.

Aims of the course

To equip the students with some basic notions which are fundamental in financial decisions under certainty and under uncertainty.

Course outline

Decision making under certainty
Financial operations.
Compound and simple interest formulae.
Bonds.
The value of financial operations.
Choices under uncertainty
Rational preferences
Representation of choice structure by means of utility functions
Pareto dominance
Hints on expected utility and risk aversion

Reading material

Any text in which the above written arguments are treated. Some material will be mentioned throughout the

lectures.

Assessment methods
- Oral examination

Teaching methods
- Lectures