



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Financial Mathematics - 1

2122-2-E1802M118-E1802M021M-T1

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#### Learning objectives

Financial Mathematics course will provide students an introduction to the basic principles and concepts of classical Financial Mathematics and their applications to financial calculation and choice problems based on cash flows.

#### Contents

Financial operations. \_\_\_\_\_

#### Detailed program

Financial operations

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## Prerequisites

Basic Calculus

## Teaching methods

Frontal lesson, streaming and tutoring for exercises and problems.

## Assessment methods

A **written test** in the form:

1. \_\_\_\_\_
2. Three open exercises or problems, each of which is assigned a maximum score of 5;
3. One final question for honors that will be corrected only in case parts 1 and 2 are completely correct.

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1. \_\_\_\_
  2. student who asks to take the oral exam;
  3. student who has taken 30 in the written test and desires honors.

## Textbooks and Reading Materials

S. Stefani, A. Torriero, G.M. Zambruno

*Elementi di Matematica finanziaria e cenni di programmazione lineare*

Giappichelli, Torino, 2017

(Quinta Edizione)

## Semester

First semester (October 5<sup>th</sup>, 2021 - January 15<sup>th</sup>, 2022)

## **Teaching language**

Italian

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