



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Mathematics & Statistics (crash course)

2223-106R-MS

---

#### Titolo

Mathematics & Statistics (crash course)

#### Docente(i)

Caterina Liberati - Edith Rroji - Bottai- Sironi (UNIMIB)

#### Lingua

English

#### Breve descrizione

Essential prerequisite: knowledge of univariate descriptive statistics.

- The notion of real function, Linear and quadratic functions, Logarithmic and exponential functions
- Derivatives
- Basics of Matrix algebra

. Element of Probability Theory

. Inferential statistic: estimation and hypothesis testing

*Objectives:*

*The course aims to provide knowledges about the basic mathematical and statistical tools to the students so they can deal with simple empirical analysis.*

*Evaluation: Written exam*

## **CFU / Ore**

4 CFU - 32 hours

## **Periodo di erogazione**

I year, I semester

## **Sustainable Development Goals**

IMPRESE, INNOVAZIONE E INFRASTRUTTURE

---