COURSE SYLLABUS

Mathematics & Statistics (crash course)

2122-106R-MS

Title

Mathematics & Statistics (crash course)

Teacher(s)

Caterina Liberati (UNIMIB)

Language

English

Short description

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 / Hours

4 CFU - 32 hours

Teaching period

I year, I semester