



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Medical Statistics

2021-1-I0301D001-I0301D003M

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#### Aims

The general aims of the course are to provide students with basic knowledge of Mathematics Statistics, necessary to carry on their profession.

#### Contents

The aim of the course is to provide students with basic knowledge of Statistics.

#### Detailed program

Types of variables. Tables and graphs. Indices of position and dispersion. Measurement errors: precision and accuracy. Probability: conditional probability independence, probability of the union and intersection of events. Random variables and probability distributions: Binomial and Gaussian. Correlation and regression.

#### Prerequisites

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#### Teaching form

## **Textbook and teaching resource**

Medical statistics: Fowler J., Jarvis P., Chevannes M., Statistica per le professioni sanitarie, 2006 Edises

## **Semester**

First semester

## **Assessment method**

Written test:

- 2 Open response questions (with numerical exercises);
- 13 Single-answer quiz with 4 answers, of which only one is correct.

## **Office hours**

On appointment

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