



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Medical Statistics

2425-1-I0302D050-I0302D003M

Aims

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

Contents

The aim of the course is to provide students with basic knowledge of Medical Statistics for the final purpose of application in their professional area. The course is focused on the core of descriptive statistics and of probability theory.

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

Elementary notions of mathematics

Teaching form

Lectures

Textbook and teaching resource

- Teaching materials provided by the instructor
- Fowler J., Jarvis P., Chevannes M., *Statistica per le professioni sanitarie*, 2006 Edises
- Bland M., *Statistica medica*, Apogeo Education, Maggioli Editore, 2019

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 agreed with the instructor (Stefania Galimberti)

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
