

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

## **COURSE SYLLABUS**

## **Medical Statistics**

2526-1-I0301D037-I0301D003M

#### **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**

Elementary notions of mathematics

Teaching form
Lectures
Textbook and teaching resource
Medical statistics: Fowler J., Jarvis P., Chevannes M., Statistica per le professioni sanitarie, 2006 Edises
Semester
First semester
Assessment method
2 numerical exercises and 13 multiple choice questions on Medical Statistics to check preparation on the exam programme.
Office hours
On appointment
Sustainable Development Goals
GOOD HEALTH AND WELL-BEING