



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Statistica per la Ricerca (Bergamo)

1920-2-I0102D012-I0102D039M-T5

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#### Aims

By the end of the course, the student will know how to collect, to order and to analyze data from professional context.

#### Contents

The course provides basic knowledges about health data collection and analysis.

#### Detailed program

Collecting, measuring and analyzing data. Hints of probability assessment. The Gaussian distribution. Sampling and statistical inference. Introduction to evaluation and hypothesis testing. Drafting a questionnaire. Building up a database.

#### Prerequisites

None

#### Teaching form

Lectures, practice exercises and group works.

### **Textbook and teaching resource**

Fowler J, Jarvis P, Chevannes, Statistica per le professioni sanitarie , Edises 2006.

### **Semester**

II semester

### **Assessment method**

Written exam with statistical exercises and oral exam.

### **Office hours**

On appointment

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