UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Statistica per la Ricerca

2425-2-I0102D012-I0102D039M-T1-T5

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 analisys.

Detailed program

- Collecting, measuring and analyzing data.
- Hints of probability assessment.
- The Gaussian distribution.
- Sampling and statistical inference.
- Introduction to evaluation and hypothesis testing.
- The sensitivity and specificity of a screening test.
- Presenting results of a research study.

Prerequisites

None

Teaching form

8 hours of Lectures and 5 hours of interactive lessons with exercises.

Textbook and teaching resource

Slides shown during lectures.

Textbook (not mandatory): Fowler J, Jarvis P, Chevannes, Statistica per le professioni sanitarie , Edises 2006.

Semester

II semester

Assessment method

Written exam with exercises and multiple choice questions.

There are no examinations in progress.

Office hours

On appointment upon e-mail request.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING