COURSE SYLLABUS

Statistics in Medical Research (Monza)

1920-2-I0102D012-I0102D039M-T1

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. 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