



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Psicometria

2627-1-K0102D001-K0102D00103

Aims

The course aims to provide students with the fundamental theoretical and methodological principles of psychometrics, with particular emphasis on the development, validation, and application of measurement instruments in healthcare, nursing, and clinical research. The course also aims to develop students' ability to critically interpret the psychometric properties of measurement instruments and to select the most appropriate tools for clinical practice and research.

Contents

Fundamentals of psychometrics; measurement of healthcare-related constructs; measurement scales; reliability and validity; development and cross-cultural adaptation of measurement instruments; analysis of psychometric properties; application of psychometrics in nursing research.

Detailed program

The course covers the theoretical foundations and core principles of psychometrics. Topics include variables and measurement, types of measurement scales, and levels of measurement. The main indicators of the quality of measurement instruments will be examined, with particular emphasis on reliability and validity, including content validity, criterion validity, and construct validity. Students will learn the principles and procedures for the development, cross-cultural adaptation, and validation of psychometric instruments, as well as the main statistical methods used to evaluate their psychometric properties. The course will also promote the critical appraisal of the scientific literature on measurement instruments and their application in nursing and healthcare research.

Prerequisites

As defined by the Academic Regulations.

Teaching form

Lectures.

Textbook and teaching resource

Provided by the teacher.

Semester

First year, first semester.

Assessment method

The assessment method will be communicated in detail by the teacher.

Office hours

By appointment, arranged via email with the teacher.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | REDUCED INEQUALITIES
