



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Evaluation of Psychological Interventions Laboratory

2324-2-F5105P025

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#### Learning area

Research methods in experimental psychological sciences

#### Learning objectives

##### *Knowledge and understanding*

- Defining intervention in psychology
- Designing interventions and identifying their implications (e.g., ethics, risks, golden standards, sampling)
- Assess the quality of interventions (quantitative and qualitative methods)
- Analyzing costs and benefits of interventions

##### *Applying knowledge and understanding*

- Development of an intervention project
- Critical evaluation of interventions (theoretical and methodological implications)

#### Contents

The laboratory aims to provide the theoretical, methodological and practical bases to design and evaluate a psychological intervention in different fields of psychological application. Students will be provided with a general framework of the elements that constitute typical interventions in different psychological areas.

Students will have the opportunity to practice their knowledge and to design intervention on a domain of their

interest.

## **Detailed program**

- Defining intervention in psychology
- Gold standards of interventions
- Assessing interventions' efficacy: Quantitative and qualitative methods
- Nudge and Decisional Psychology
- Sampling: sampling strategies, sample size and effect size determination
- Power analysis
- Risk Analysis
- From pilot to large scale: defining costs and benefits of the interventions
- Elements and pitfalls of costs/benefits analysis

## **Prerequisites**

Good knowledge of the research methods employed in psychological research enables a more aware learning.

## **Teaching methods**

Lectures and discussion in class. Individual and group assignments.

## **Assessment methods**

Learning will be assessed through project work. Students will complete the project work in small groups (3-5 people per group), each one developing a psychological intervention project on a specific topic of their choice.

The projects will be discussed in the final lesson of the laboratory.

## **Textbooks and Reading Materials**

The bibliography (references, lecture slides, and additional material) will be provided at the beginning of the course and made available on the course website.

## **Sustainable Development Goals**

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