UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Evaluation of Psychological Interventions Laboratory - Turno A

2425-2-F5105P033-TA

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

Teaching will mostly consist of interactive classwork, including individual and group assignments, but will also include a few lecture-based lessons. The laboratory will be in presence, and attendance is mandatory

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

QUALITY EDUCATION