



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Experimental Methods in Psychology of Thinking and Communication

2425-3-E2401P105

---

#### Learning area

CONTENT AND SKILLS TO DESCRIBE AND PROMOTE CHANGE IN INDIVIDUAL PSYCHOLOGICAL FUNCTIONING

#### Learning objectives

Knowledge and understanding

- To learn the research methodology on cognitive aspects of reasoning.
  - To investigate the relationship between psychology of thinking and psychology of communication.

Applying knowledge and understanding

- To understand the research methods for the study of reasoning processes and the impact of communication on them.
- To extend these learnings to the critical analysis of some examples and to the experimental design to understand the role of communication in the study of thinking.

#### Contents

Experimental research methodology and applications to the study of reasoning and communication.

## **Detailed program**

- The research methodology in experimental psychology
- The classical research paradigms
- The psychology of thinking and communication
- How to design a scientific experiment and how to structure a critical analysis

## **Prerequisites**

No mandatory prerequisites.

A good familiarity with the constructs related to psychology of thinking and research methodology enables a more informed use of the contents.

For the academic year 2024/2025 it will not be possible to select this laboratory as a single-course entry.

## **Teaching methods**

- Introduction and critical analysis of experimental examples in the psychology of thinking and communication.
- Experimental design exercises in the fields of investigation.

Laboratory activities - Lecture-based teaching: 6 hours; Interactive teaching: 10 hours

## **Assessment methods**

- Development of a PROJECT WORK (original project from a research question or analysis of an existing experiment).

This will be assessed through:

- Classroom group presentation.

Compulsory attendance is required.

## **Textbooks and Reading Materials**

Detailed information about the reading materials (slides, articles) will be published on the e-learning page associated with the course.

**Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

---