

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

## **SYLLABUS DEL CORSO**

#### Psicometria con Laboratorio Software 2

2021-2-E2401P132

#### Learning area

KNOWLEDGE ABOUT QUALITATIVE AND QUANTITATIVE RESEARCH METHODOLOGY

#### Learning objectives

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#### Knowledge and understanding

- Statistics for correlation data
- · Statistics for experimental data
- · Simple and complex relationships among different types of variables
- Basics of measurement in psychology

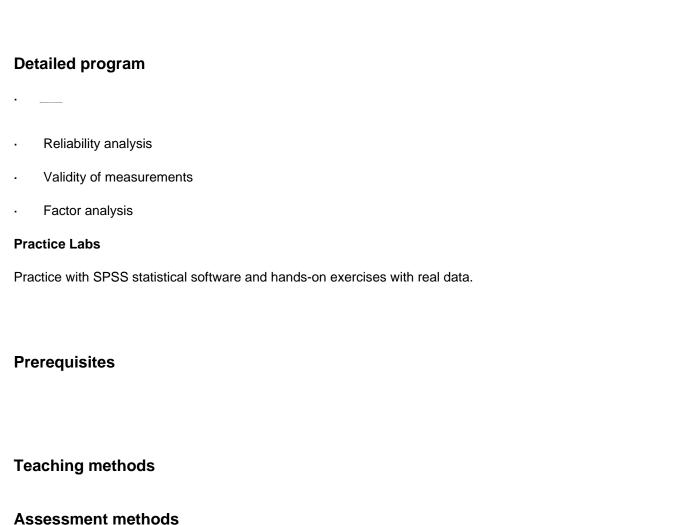
#### Applying knowledge and understanding

- Ability to analyze data collected in different research designs
- · Understanding and evaluating third-party statistics and their quality
- Estimating and understanding simple relationships among variables.
- Employing and evaluating different types of psychological measures

Use of SPSS software and other types of free software

#### **Contents**

An overview of several statistical techniques and methodological concepts is provided, giving the student the ability to collect and analyze data in a wide range of research situations. Univariate statistical techniques are presented, with emphasis on the interpretation of results. Fundamental concepts related with measurement in psychology are also discussed.



## **Textbooks and Reading Materials**

Flebus GB (2018). Lezioni per il corso di Psicometria. McGraw-Hill Education