UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Laboratory 2

2324-3-E1601N081

Learning objectives

The module has an applied approach and aims to allow students to put methodologies learned in the curricular modules into practice, with particular reference to the analysis of data relating to the labor market.

Contents

The main topics covered in the course will be:

- Basic tools of social research
- Basic elements of descriptive statistics
- Non-parametric data analysis techniques

Detailed program

This laboratory is designed to equip students with the necessary skills to independently design and execute a comprehensive research process in support of informed policy decisions at the local level. The laboratory will guide students through the following phases:

Defining the research object: Students will meticulously identify and define the specific aspect of mandatory job placement communications collected by public bodies that they intend to investigate.

Formulating an appropriate research design: Students will carefully craft a research design that aligns with their research question and is methodologically sound. This will involve operationalizing concepts and constructing appropriate measurement tools.

Conducting data analysis and interpreting results:
Students will employ a range of statistical techniques to analyze the collected data, including univariate and bivariate descriptive statistics. They will then interpret the results of their analyses to draw meaningful conclusions regarding the effectiveness of mandatory job placement programs.

Applying findings to inform local policy interventions: Students will synthesize their research findings and translate them into recommendations for local policy interventions aimed at improving the efficacy of mandatory job placement programs.

Throughout the laboratory, students will have the opportunity to gain hands-on experience with the statistical analysis of mandatory job placement communications collected by public bodies. This will enable them to develop a deep understanding of the various statistical tools available for examining this type of data and their ability to apply these tools to inform policy decisions.

Prerequisites

General requirements for participation in the workshops.

Teaching methods

The application aspects are addressed through practical exercises during the laboratory.
During the meetings, independent practice activities are planned using the tools learned during the course.

Assessment methods

Learning evaluation: Student knowledge and skills will be assessed through a combination of classroom lectures, interactive group activities, individual problem-solving, and case-based simulations.

Textbooks and Reading Materials

Teaching material distributed in the classroom.

Sustainable Development Goals

QUALITY EDUCATION | GENDER EQUALITY | DECENT WORK AND ECONOMIC GROWTH | INDUSTRY, INNOVATION AND INFRASTRUCTURE | REDUCED INEQUALITIES