UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Laboratorio: Metodologie per la Costruzione di Test e Questionari

2122-3-E2401P071

Learning area

4: Knowledge about qualitative and quantitative research methodology

Learning objectives

Knowledge and understanding

- Generic knowledge on tests and questionnaires
- Basic structure of tests
- Basic structure of questionnaires
- Write results

Ability to apply knowledge and understanding

- How to plan a research questionnaire
- How to write questions for a research test/questionnaire
- Items for the rating scales
- Socio-demographic questions
- How to write results for a specific destination (simple presentation, generic report, article, thesis)

Contents

The laboratory will provide practical knowledge for the construction of tests and questionnaires both in paper and online (through Qualtrics software) version.

Lessons will be held in presence, unless further COVID-19 related restrictions are imposed.

Detailed program

The workshop will take place in 8 meetings of 3 hours each.

1st meeting. Theoretical part: the difference between interview, test, and questionnaire; type and format of the questions. Creation of workgroups consisting of 5 or 6 people. Practical part: each group will choose between building a test or a questionnaire. Each group will decide on the topic and any sub-topic, and will define the target sample. Homework: bibliographic research of the chosen topic; search for tools already available (in Italian or English); translation, if necessary; construction (if not available). Draw up of socio-demographic questions to be added to the other measuring instruments, taking into consideration the theoretical sample.

2nd-7th meeting. At each meeting, the group members present the work done, ask questions, and prepare for the next phase. Phases: if there is a tool to be translated, start the translation/back-translation procedure; drafting the introduction to the questionnaire; submit a trial version of the tool; prepare the final version of the questionnaire and distribute it; statistically analyze the data; interpret the results; make a final report.

8th Meeting. The groups will present the results of their test/questionnaire (each member of the group will present part of the results).

Prerequisites

- Basic concepts of statistics and psychometrics corresponding to the programs of the first two years of the Bachelor in Science and Psychological Techniques (descriptive statistics, t-test, chi-square, correlation, regression, anova, factor analysis).
- Use of SPSS or any other statistical software.

Teaching methods

Development of a real questionnaire. Distribution and administration of a real (already existing) questionnaire, data collection and partial data analysis.

Assessment methods

- The attendance check will depend on the way it is carried out and will be published on the e-learning page at least one week before the start of the workshop.
- 75% of attendance will be required (including any remote activities and homework) for positive laboratory validation.

Textbooks and Reading Materials

There are no textbooks. The material of the theoretical part will be available on the e-learning page. If participants request additional content, I will indicate online books available in the university library.