

COURSE UNIT INFORMATION SHEET (*SYLLABUS*)

2023/2024

Master in Child and Adolescent Developmental Psychopathology - Prevention and Intervention

Name Research Methods in Clinical and Health Psychology
Teaching staff (Also indicate the Professor in charge) Ana Isabel Pereira (Professor in charge) Ana Isabel Gomes Sara Loureiro Nunes Cardoso
ECTS 6
Functioning One theoretical-practical class (three hours) per week
Learning goals To know the different research phases and the fundamental problems inherent in each of these phases To know the main research designs in Clinical and Health Psychology with children, adolescents and families To know the main criteria and tools to evaluate the quality of qualitative and quantitative research To know the main ethic problems in Clinical and Health Psychology research with children, adolescents and families To develop a research project in the area of Clinical and Health Psychology
Skills to be developed



To analyse critically the scientific literature in the field of Clinical and Health psychology

To develop competencies related to literature search and analysis

To develop competencies related to scientific writing.

To develop the capacity of selecting the adequate strategies and measures to evaluate clinical and psychological dimensions

To develop competencies in interpretation of the evidence

Prerequisites (precedences) *

Not applicable

Contents

1. Introduction to the research process in Clinical and health Psychology
 - 1.1. The importance of research to the clinical psychologist
 - 1.2. The process of research and the main research paradigms
 - 1.3. Ethical aspects
2. Literature review
 - 2.1. The literature review function
 - 2.2. Search strategies in literature review
 - 2.3. Narrative reviews, scoping review, systematic reviews and meta-analysis
3. Quantitative research methods
 - 3.1. Sample selection
 - 3.2. More frequent research designs:
 - 4.2.1 Correlational cross-sectional and longitudinal.
 - 4.2.2. Experimental and quasi-experimental;
 - 4.2.3 Case studies
 - 3.3. Measures selection and data collection
 - 3.4. Data analysis, results description and interpretation
 - 3.5. Evaluating critically quantitative research reports
4. Qualitative research methods
 - 4.1. Sample selection



- 4.2. Types of qualitative analysis
- 4.3. Development of the interview script
- 4.4. Data collection
- 4.5. Data analysis, results description and interpretation
- 4.6. Evaluating critically qualitative research reports
5. Scientific writing and writing the research project

Bibliography

American Psychological Association. (2010). *Publication manual of the American Psychological Association* (7th ed.). American Psychological Association.

Garrido, M. V., & Prada, M. (Eds.) (2016). *Manual de Competências Académicas. Da adaptação à Universidade à excelência académica*. Edições Sílabo.

Kazdin, A. E. (2003). *Research design in clinical psychology* (4th ed.). Allyn & Bacon.

Mertens, D. M. (1998). *Research methods in education and psychology: Integrating diversity with quantitative & qualitative approaches*. Sage Publications.

Roberts, M. C., & Ilardi, S. S. (Eds.). (2003). *Blackwell handbooks of research methods in psychology; 2. Handbook of research methods in clinical psychology*. Blackwell Publishing.
<https://doi.org/10.1002/9780470756980>

Further references will be provided during classes.

Teaching methods

Lectures

Active methodologies: critical analysis of empirical papers, group discussions, exercises to practice specific skills (e.g. literature search)

Students' autonomous work that involves reading and analyzing recommended texts.

Evaluation Regimes (General and/or Alternative)



The evaluation is continuous and includes written group assignments presented and discussed in classes during the semester and the presentation and discussion of a research project in the field of clinical and health psychology with children and adolescent, with a written report. There is no alternative regime.

Evaluation Elements

(Dates due, weights, minimum required grades)

a) Two group assignments in which the students have to analyze papers representative of different research approaches according to specific study quality indicators, including presentation and discussion in class and written reports submitted one week after (25% + 25%);

b) Research project in the field of clinical and health psychology with children and adolescents, including presentation and discussion and written report submitted one week after (50%).

- All evaluation elements are mandatory.

Rules for grade improvement

Only the written report of the research project can be improved once, within the legal time limits and conditions.

Rules for students having previously failed the course unit *

Not applicable

Requirements on attendance and punctuality

The maximum number of allowed absences is 1/3 of the classes.

Rules for special students

(workers, elite athletes, student body leaders, military, fathers/mothers, with special needs) *

Students in a special regime should participate in all activities. Some adjustments may be done in case of necessity, but the CU is of mandatory attendance

Language of instruction

The lectures will be done in Portuguese, but it is essential the mastery of English for reading and viewing support learning resources (bibliography, other audio and video learning resources)

Disciplinary violations and penalties

According to the Evaluation of Learning Regulation of the Faculty of Psychology of the University of Lisbon, the following behaviors are considered as disciplinary offenses subject to disciplinary action:

a) To use or attempt to use materials, information, notes, study resources or other objects and equipment not authorized in academic exercises;



- b) To help or try to help a colleague in committing a disciplinary offense;
- c) To submit the same written work for evaluation in different course units without permission from the instructors, even if with minor changes;
- d) To present someone else's work as one's own;
- e) To forge, or change without permission from the author, any information or citation in an academic work;
- f) To interfere, change or attempt to change grades;
- g) To try to prevent or interfere with the proper functioning of classes, research or other academic activities;
- h) To make false accusations regarding instructors, governance bodies, other students or non-teaching staff of the FPUL;
- i) To falsify signatures in attendance sheets, documents relating to evaluation elements or in any official document relating to an academic process or status.

Disciplinary offenses committed in any assessment element can lead to its annulment, and must be reported to the Pedagogical Council or, considering their gravity and repetition, may lead to other penalties, to be determined by the Rector of the University of Lisbon.

* If applicable