

COURSE UNIT INFORMATION SHEET (*SYLLABUS*)

2023/2024

Study Programme

Master course in Child and Adolescent Developmental Psychopathology - Prevention and Intervention

Name Neuropsychological Consultation with Children and Adolescents
Teaching staff (Also indicate the Professor in charge) Sandra Fernandes (in charge)
ECTS 6
Functioning 3-hour theoretical-practical classes per week
Learning goals <ol style="list-style-type: none">1. To know and apply the assumptions and theoretical models of Cognitive Neuropsychology from the perspective of pediatric clinical practice;2. To establish relationships between theoretical models and neuropsychological assessment and intervention procedures of children and adolescents;3. To acquire knowledge to analyse and identify the cognitive processes, intact and in deficit, characteristics of the disorders under study.
Skills to be developed <ol style="list-style-type: none">1. To develop skills of planning, selection, and analysis of results of instruments and tasks of neuropsychological assessment of children and adolescents in different domains.2. To acquire skills of oral and writing communication of neuropsychological assessment results,



within the scope of the disorders under study.

3. To reflect on neuropsychological assessment and intervention related to the disorders under study.

Prerequisites (precedences) *

Contents

1. Cognitive Neuropsychology: a pediatric clinical approach.
2. Neuropsychological consultation: domains, methods and case studies; the specificity of neuropsychological consultation with children and adolescents.
3. Cognitive neuropsychological assessment: principles, steps, instruments, procedures, and ethical and deontological issues.
4. Typical and atypical cerebral and cognitive developmental processes and cerebral plasticity.
5. Developmental and acquired neuropsychological disorders.
6. Language disorders
7. Memory disorders
8. Visual recognition disorders
9. Reading, spelling, and arithmetical disorders
10. Executive disorders (frontal lobe lesions in childhood; autism spectrum disorders; ADHD; executive disorders in specific syndromes)
11. Comorbidities of neuropsychological deficits
12. Neuropsychological intervention and rehabilitation/re-education in children and adolescents.
13. Case studies.

Bibliography

- Anderson, V., Northam, E., & Wrennall, J. (2018). *Developmental neuropsychology: A clinical approach* (Brain, Behaviour and Cognition). Routledge.
- Ellison, P. A. T., & Semrud-Clikeman, M. (2009). *Child neuropsychology: Assessment and Interventions for Neurodevelopmental Disorders* (2nd edition). Springer.
- Hunter, S. J., & Donders, J. (Eds.). (2007). *Pediatric neuropsychological intervention*. Cambridge University Press.
- Reynolds, C. R., & Fletcher-Janzen, E. (2013). *Handbook of clinical child neuropsychology*. Springer.
- Temple, C. (1997). *Developmental cognitive neuropsychology*. Psychology Press.

Teaching methods

Theoretical-applied classes include various teaching methodologies such as exposition, illustration



and discussion of program contents, and active methodologies such as analysis and discussion of cases by small groups, and reflection, training skills of planning, selection, application and grounded analysis of instruments, tasks, and programs according to the context and objectives of neuropsychological assessment and intervention. Teaching methodologies also include autonomous work of reading and analysis of case studies, aiming the identification and comprehensive description of cognitive processes (intact and/or in deficit).

Evaluation Regimes (General and/or Alternative)

The assessment includes a theoretical-applied group assignment and two tests during the semester with corrective feedback.

Evaluation Elements

(Dates due, weights, minimum required grades)

1. Theoretical-applied group assignment (50%).
2. Two brief tests throughout the semester (25% cada).

Mandatory evaluation requirements combine components focused on the theoretical and practical domain of the contents in the context of scientifically based neuropsychological clinical practice, serving as criteria to assess the fulfillment of objectives and acquisition of skills.

Rules for grade improvement

Only 1 of the brief tests can be submitted for improvement.

Rules for students having previously failed the course unit *

Requirements on attendance and punctuality

The maximum number of allowed absences is 3.

Rules for special students

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

Language of instruction

Portuguese

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