



UNIVERSIDADE PRESBITERIANA MACKENZIE

Pró-Reitoria de Pesquisa e Pós-Graduação
Coordenadoria Geral de Pós-Graduação Stricto Sensu



SYLLABUS

University Unit:

Center for Biological and Health Sciences

Graduate Program:

Developmental Disorders

Degree:

Master degree Professional Master degree Doctoral degree

Subject:

Fundamentals of neuropsychological assessment

Professors

Alessandra Gotuzzo Seabra

Luiz Renato Rodrigues Carreiro

Observação:

Workload:	Credits:	<input type="checkbox"/> Required
48 h/a	04	<input checked="" type="checkbox"/> Optative <input type="checkbox"/> Elective

Syllabus:

Historical fundamentals of cognitive neuropsychology; biological bases of cognitive functions; functional organization of the cerebral cortex; theoretical models of the functioning of cognition; fundamentals and procedures of neuropsychological assessment; characterization of cognitive alterations due to neurodevelopmental changes. Procedures for evaluating cognitive functions (Intelligence, Attention, Executive Functions, Memory and Language) applied to the context of typical development and in neurodevelopmental disorders.

Program Content:

Cognition, Concepts in Neuropsychological Assessment, Brain Organization, Assessment procedures; cognitive functions (Intelligence, Attention, Executive Functions, Memory and Language). Application of assessment in neurodevelopmental disorders.

Evaluation Criteria**Evaluation:**

According to the General Regulation of *Stricto Sensu* Post-Graduation, Art. 98:

A - excellent: corresponds to scores in the interval between 9 and 10;

B - good: corresponds to scores in the interval between 8 and 8.9;

C - regular: corresponds to scores in the interval between 7 and 7.9;

R - reprobated: corresponds to scores in the interval between 0 and 6.9.

**References:**

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- Fuentes, D., Malloy-Diniz, L. F., Camargo, C. H. P., & Cosenza, R. M. (2014). Neuropsicologia: Teoria e Prática. 2. ed. Porto Alegre: Artmed.
- Gazzaniga, M. S., Ivry, R. B., & Mangun, G. R. (2006). Neurociência cognitiva: a biologia da mente. 2. ed. Porto Alegre: Artmed.
- Haase, V. G. et al. (2012). Neuropsicologia como ciência interdisciplinar: consenso da comunidade brasileira de pesquisadores/clínicos em Neuropsicologia. *Revista Neuropsicologia Latinoamericana*, 4(4), 1-8.
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- Kandel, E. R. & Schwartz, J. H., Jessel, T. M. (2003). Princípios da neurociência. 4. ed. São Paulo: Manole.
- Kolb, D., Wishaw, I. A. (2002). Neurociência do Comportamento. São Paulo: Manole.
- Lezak, M. D. (2004). Neuropsychological assessment. 4th.ed. Oxford: Oxford University Press.
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- Spreen, O., & Strauss, E. (2006). A compendium of neuropsychological tests: administration, norms, and commentary. 3nd ed. Oxford: Oxford University Press.
- Sternberg, R.J. (2008). Psicologia cognitiva. 4. ed. Porto Alegre: Artmed.