

5.0 credits	60.0 h	1q
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Teacher(s) :	Pesenti Mauro ; Mouraux André ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	The course focuses on the attentional, mnesic and visual mechanisms from a psychophysiological perspective (plasticity and learning mechanisms, interaction of genetic and epigenetic variables, attentional filtering mechanisms etc.) and a neuropsychological perspective (effect of cerebral lesions on cognitive functioning and behaviour) through animal models, case analysis patients with cerebral lesions and functional imaging techniques.
Aims :	Students should be able to : - understand the psychophysiological mechanisms of basic cognitive functions; - understand the pathology of behaviour and cognition following a cerebral lesion in a human subject; - adopt a critical stance towards all the methods of recording cerebral functions which enable links to be established between behaviour and cognitive functions. <i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i>
Content :	The course is an introduction to the basic concepts in contemporary psychophysiology and neuropsychology, including techniques of functional neuro-imaging. Different pathologies are illustrated by means of case studies and videos.
Other infos :	Prerequisites : PSP1120, PSP1131, PSP1132, PSP1133, PSP1145 or equivalent courses. Assessment : The written examination contains closed questions (multiple choice and true/false) and open ones. Support : There are (1) summaries of recommended books in French and English and (2) slides and transparencies shown during the lectures. The recommended books (see list below) are available in the Psychology library and the slides are put on iCampus as the course progresses. References : The following books are recommended : Boisacq-Schepens, N. & Crommelinck, M. (2000) Neurosciences. Paris : Dunod. Purves, D. et al. (2003) Neurosciences. DeBoeck Université. Seron, X. (2002). La neuropsychologie cognitive. (5ème édition). Que sais-je? Paris: PUF. Seron, X. & Van der Linden, M. (Eds.) (2000). Traité de neuropsychologie clinique. Marseille: Solal.
Cycle and year of study :	> Bachelor in Psychology and Education: General > Bachelor in Psychology and Education : Speech and Language Therapy
Faculty or entity in charge:	PSP