

Neurophysiology

4.0 credits

30.0 h

1q

Teacher(s) :	Pesenti Mauro ;			
Language :	Français			
Place of the course	Louvain-la-Neuve			
Aims :	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".			
Evaluation methods :	The assessment is made by a written exam including: ' multiple choice questions and true-false questions; ' questions of definition of main terms/concepts; ' open questions. Students are notified early in the course of the assessment methods, that are recalled at the end of the semester. Some examples of possible questions are presented in class and available on iCampus. The course is not subject to ongoing evaluation.			
Content :	The course is an introduction to basic concepts of contemporary neuropsychology. It aims to present the theoretical and methodological bases of neuropsychological practice, and the major brain damages and diseases through case studies and video documents. It presents (i) the main brain damages and diseases impairing cognitive functions, (ii) the neuropsychological models of the most frequently impaired cognitive functions (e.g., attention, memory, visual processing, language or executive functions), and (iii) the diagnostic procedures assessing behavioural and cognitive impairments in brain-damaged patients. At the end of this course, the student will be able to understand the impairments of behaviour and cognition resulting from brain damage in human beings, and to propose a brief diagnosis of behavioural and cognitive deficits consecutive to brain lesions, taking into account behavioural and neurofunctional data.			
Bibliography :	The course material consists of: ' slides presented in class, available on iCampus; ' summary chapters from books in French and English. For some chapters of the course, typed notes are also available to students on iCampus. Each chapter is accompanied by a reference list that includes (1) all the studies mentioned explicitly, (2) recommended readings, and (3) where possible, some websites allowing the students to deepen their knowledge interactively. Basic reference books (see list below) are present at the library of the Psychology faculty; the following books are recommended: ' Seron, X. (2002). La neuropsychologie cognitive. (5ème édition). Que sais-je? Paris: PUF. ' Seron, X. & mp; Van der Linden, M. (Eds.) (2000). Traité de neuropsychologie clinique. Marseille: Solal.			
Faculty or entity in charge:	EPSY			

Programmes / formations proposant cette unité d'enseignement (UE)					
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage	
Bachelor in Psychology and Education : Speech and Language Therapy	LOGO1BA	4	LPSP1005 and LPSP1006 and LPSP1001	٩	
Bachelor in Psychology and Education: General	PSP1BA	4	LPSP1005 and LPSP1006 and LPSP1001	٩	