


Teacher(s)	Edwards Martin ;Samson Dana ;Van Calster Laurens (compensates Samson Dana) ;
Language :	English
Place of the course	Louvain-la-Neuve
Main themes	<p>The course presents the main neuropsychological semiotics in the areas of cognition such as memory, executive functions, attention, gnosies, praxis and language. The course will offer an introduction to the examination methods and theoretical work of disorder interpretation (cognitive approach of disorders), as well as an illustration of the approach of management.</p> <p>The chapters covered in this course are:</p> <ul style="list-style-type: none"> - Memory: definition, semiology, etiopathogenesis, interpretative models - Executive functions: definition, semiology, etiopathogenesis, interpretative models - Attention: definition, semiology, etiopathogenesis, interpretative models - Gnosia: Definition, semiology, etiopathogenesis, interpretative models - Language: Definition, semiology and classification of aphasia, interpretative models (lexical, syntactic, semantic). - Praxies: Definition, semiology, etiopathogenesis, interpretative models
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>At the end of this course, the student must be able to master the theoretical and methodological knowledge that can identify the neuropsychological disorders present in an individual and to analyze the underlying causes. In the light of the learning outcomes framework, the course is aimed primarily at getting students to:</p> <p>A1. Master knowledge that helps explain and understand an individual, group, or organization.</p> <p>A2. Critically analyse and model a situation (individual, group, or organization) with reference to psychological theories, research findings, methods and tools.</p> <p>Second, this course aims to get students to:</p> <p>B1. Master knowledge of interventions to improve a given situation (individual, group, or organization).</p> <p>E2. Identify the contribution and added value of scientific research in psychology and the sciences of education on its understanding of given situations.</p>
Evaluation methods	<p>The assessment is carried out using a Multiple Response Question (MRQ) exam. The exam consists of 20 questions, with 10 questions from the part of the course given by Professor Edwards and 10 questions from the part of the course given by Professor Van Calster. Each question has 6 answer options, with 2 correct answers for each question. If the two correct answers are selected, one point is awarded. When only one of the correct answers is selected and no incorrect answer is selected, 0.5 points are awarded. As soon as an incorrect answer is selected for a question, zero points are awarded for that question. There are no negative points. For each question, the possible points are 1, 0.5 or 0.</p>
Teaching methods	Lectures
Content	<p>The course will present the associations between cognition and neuropsychological conditions typically seen in patients with brain damage. Each course will specify the current understanding of the cognitive neuropsychological profile, and provide some examples of the typical cognitive tests used for diagnosis and how the tests are interpreted. At the end of each course, a summary of possible rehabilitation methods will be discussed.</p> <p>The sections covered in this course are:</p> <ul style="list-style-type: none"> • Object perception and recognition / Agnosia • Spatial attention / Hemineglect • Object action / Apraxia • Executive function • Memory / Dementia • Language / Aphasia • Cognition
Inline resources	The Moodle platform
Bibliography	<p>Voir la plate-forme Moodle pour les liens vers le matériel d'apprentissage</p> <p>See the Moodle platform for links to learning materials</p>

Other infos	<p>The course is given in English and French. The exam is written in French by default, but an English version may be requested prior to the exam session. International students taking this course will be allowed to use a dictionary during the exam.</p> <p>The use of generative artificial intelligence (AI) is permitted for exam preparation.</p>
Faculty or entity in charge	EPSY

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Psychology and Education: General	PSP1BA	5		
Bachelor in Psychology and Education : Speech and Language Therapy	LOGO1BA	5		