

4 credits

30.0 h

Q1

Teacher(s)	Cilio Maria-Roberta ;De Volder Anne ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	I. Brain development II. Neurological examination of the child III. Acute Neurological Disorders IV. Developmental Disorders
Aims	<p>At the end of the course, the student will have acquired the necessary knowledge (genetic, neurological and symptomatology bases) to understand how cerebral pathology affects cognitive, motor and language development. The student will also understand the information needed for neuropediatric assessment as a speech therapist. In the light of the learning outcomes framework, the course is aimed primarily at getting students to:</p> <p>A1. Master a knowledge base that helps to understand and explain: b) the normal and pathological development of language, communication and computation.</p> <p>D2. Interact and constructively collaborate with different actors involved in a given situation, integrate into a team and participate to its dynamics in learning situations.</p> <p>Second, this course aims to get students to:</p> <p>A2. Observe, analyze, model, criticize and interpret in an argumentative way:</p> <p>(B) A situation (relating to the normal and pathological development of language, communication and arithmetic) with reference to theories and research findings, methods and tools related to speech therapy, and based on knowledge from psychology, medicine and linguistics.</p> <p>B1. Critical evaluation of knowledge:</p> <p>(B) relating to normal and pathological functioning of a person in speech therapy.</p> <p>-----</p> <p><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></p>
Teaching methods	Lectures with illustrations (clinical vignettes and videos)
Content	I. Brain development II. Neurological examination of the child: outline and major syndromes III. Acute neurological disorders: Epilepsy impact on cognition and language; headache and in this context, cerebral tumours with specific management; Abnormal movements: TICS and TOCS; Traumatic brain injury and impact on cognitive development and language IV. Developmental disorders: (1) Global developmental delay; (2) Predominant motor disorder: Cerebral palsy and impact on cognitive development and language, swallowing disorders; Neuro-muscular diseases; Neurodegenerative diseases; Spina bifida; (3) Intellectual deficit: Genetic and environmental causes; Description of some genetic pathologies (X-fragile, Down syndrome, tuberous sclerosis, etc.) or of environmental origin; (4) Autistic Table
Faculty or entity in charge	ELOG

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Psychology and Education : Speech and Language Therapy	LOGO1BA	4	LPSP1207 AND LPSP1208	