


4.00 credits

30.0 h

Q2

|                             |   |
|-----------------------------|---|
| Teacher(s)                  | Ghariani Sophie ;   |
| Language :                  | French  |
| Place of the course         | Louvain-la-Neuve  |
| Main themes                 | I. Brain development<br>II. Neurological examination of the child<br>III. Acute Neurological Disorders<br>IV. Developmental Disorders   |
| Learning outcomes           | <p><b>At the end of this learning unit, the student is able to :</b></p> <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 neuropsychiatric 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> |
| Teaching methods            | Lectures with illustrations (clinical vignettes and videos)   |
| Content                     | I. Brain development<br>II. Neurological examination of the child: outline and major syndromes<br>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<br>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  |

| <b>Programmes containing this learning unit (UE)</b>               |         |         |              |   |
|--|---------|---------|--------------|---|
| Program title  | Acronym | Credits | Prerequisite | Learning outcomes   |
| Bachelor in Psychology and Education : Speech and Language Therapy | LOGO1BA | 4       |              |  |