UCLouvain

llogo1324

2018

Digital development and dyscalculia

4 credits	30.0 h	Q1

Teacher(s)	Noël Marie-Pascale ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	This course deals with the main current theoretical models to describe the cognitive structures involved in arithmetic and the treatment of numbers in adults. These models are gradually introduced through the single case study of patients with acquired acalculias. There are three main themes in the course: transcoding, arithmetic and number semantics. For each one, the following areas are covered: the different kinds of difficulty which patients may encounter, ways of assessing them, contrasts between the different theoretical models of these problems and rehabilitation programmes which have been adopted. This course is linked with the course on Development dyscalculias : theories and examination methods.
Aims	1 This course is designed to enable students to use the single case methods in neuropsychology of arithmetic disabilities in adults, to develop a critical stance towards theoretical models and to acquire the necessary knowledge to be able to assess and rehabilitate acalculic adults. - - - - *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".*
Content	This course is designed to enable students to use the single case methods in neuropsychology of arithmetic disabilities in adults, to develop a critical stance towards theoretical models and to acquire the necessary knowledge to be able to assess and rehabilitate acalculic adults. This course deals with the main current theoretical models to describe the cognitive structures involved in arithmetic and the treatment of numbers in adults. These models are gradually introduced through the single case study of patients with acquired acalculias. There are three main themes in the course: transcoding, arithmetic and number semantics. For each one, the following areas are covered: the different kinds of difficulty which patients may encounter, ways of assessing them, contrasts between the different theoretical models of these problems and rehabilitation programmes which have been adopted. This course is linked with the course on Development dyscalculias : theories and examination methods.
Other infos	Assessment : individual written examination Support: documents, powerpoint presentations etc available on iCampus, references to published articles
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		