

2.0 credits	15.0 h
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Teacher(s) :	Noël Marie-Pascale ;
Language :	Français
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 :	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. <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>
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
Cycle and year of study :	> Master [120] in Speech and Language Therapy
Faculty or entity in charge:	EPSY