

4.0 credits	30.0 h + 10.0 h	2q
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Teacher(s) :	Grégoire Jacques ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	<p>The course introduces both classical test theory (true score theory) and more recent psychometric and edumetric models (generalizability theory, the binomial model, item response models etc.). Various aspects in the construction of tests and questionnaires are covered from theoretical and practical points of view :</p> <ol style="list-style-type: none"> 1) construction of questions 2) validation methods 3) assessment of reliability and of measuring error 4) assessment of bias 5) standardization (sampling, definition and scale translation) 6) methods of equivalence. <p>The methodology of test construction relates both to standard tests as well as criterion-referenced ones. The course is linked with Statistics 1 and 2; this enables students to use the knowledge they have acquired in this field in order to answer questions on about measurement tools in psychology and education, working with real and simulated data.</p>
Aims :	<p>This course is designed to provide students with basic theoretical and practical knowledge of psychometric and edumetric models currently used in constructing tests and questionnaires. By the end of the course, students should know the postulates, advantages and limits of the models presented. Using what they have learnt, they should be able to develop simple tests and to interpret the results correctly.</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>
Content :	<p>This course is designed to provide students with basic theoretical and practical knowledge of psychometric and edumetric models currently used in constructing tests and questionnaires. By the end of the course, students should know the postulates, advantages and limits of the models presented. Using what they have learnt, they should be able to develop simple tests and to interpret the results correctly.</p>
Cycle and year of study :	<p>> Preparatory year for Master in Speech and Language Therapy > Master [120] in Statistics: General</p>
Faculty or entity in charge:	PSP