


5 credits

45.0 h + 15.0 h

Q1 and Q2

Teacher(s)	Corneille Olivier ;De Mol Jan ;Edwards Martin coordinator ;
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	<p>Fundamental concepts:</p> <ul style="list-style-type: none"> <li>- Introduction to the scope and specificities of a scientific approach to psychology and educational sciences.</li> <li>- Qualitative and quantitative research methods in psychology and educational sciences (descriptive, correlational and experimental level)</li> <li>- Concepts of variables, reliability, validity, selection of participants, experimental plan and research ethics (these themes will be tackled through examples of situations related to psychology and the sciences of education)</li> <li>- Measurement tools used in research methods</li> <li>- How to write a structured synthesis of the method used</li> </ul> <p>These concepts will be illustrated</p> <ul style="list-style-type: none"> <li>- Through seminars given by research professionals (researchers with research experience). The seminars will cover themes with different research methods (e.g., qualitative and quantitative methods, implicit measures, sampling strategies and different types of participants).</li> <li>- Through participation in experiments carried out by research professionals from the faculty.</li> </ul>
Aims	<p>In the light of the learning outcomes framework, the course is aimed at getting students to:</p> <ul style="list-style-type: none"> <li>- E1: master the steps, methodologies and tools used in psychology and educational sciences scientific research</li> <li>- E2: identify the contribution of scientific research in psychology and education sciences, and to critically analyze the research methods used in the existing literature</li> <li>- E3: act as an academic, using rigorous and ethical methods</li> </ul> <p>The course aims to bring students to:</p> <ol style="list-style-type: none"> <li>1 - A2: analyze and model a situation (individual or group) with reference to methods and tools in the field of psychology and the sciences of education</li> <li>- B1: master knowledge about methods interventions to improve a given situation (individual or group) (more specifically, methodology related to planning, carrying out and evaluating the effectiveness of an intervention)</li> <li>- B2: planning an experiment or intervention to assess or improve a given situation (individual or group)</li> <li>- C1 and C2: present in writing a structured synthesis of research methods (typical of psychology and educational sciences)</li> <li>- D1: listening to others in learning situations and in professional circles</li> <li>- D2 and D3: interact and collaborate with professional researchers in learning situations</li> </ol> <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>
Evaluation methods	The procedures for evaluation are described and available on the course website of the Moodle platform.
Teaching methods	Lectures and practical work
Content	<p>Fundamental concepts:</p> <ul style="list-style-type: none"> <li>• Introduction to the scope and specificities of a scientific approach to psychology and educational sciences.</li> <li>• Qualitative and quantitative research methods in psychology and educational sciences (descriptive, correlational and experimental level)</li> <li>• Concepts of variables, reliability, validity, selection of participants, experimental plan and research ethics (these themes will be tackled through examples of situations related to psychology and the sciences of education)</li> <li>• Measurement tools used in research methods</li> <li>• How to write a structured synthesis of the method used</li> </ul> <p>These concepts will be illustrated</p>

	<ul style="list-style-type: none"><li>• Through seminars given by research professionals (researchers with research experience). The seminars will cover themes with different research methods (e.g., qualitative and quantitative methods, implicit measures, sampling strategies and different types of participants).</li><li>• Through participation in experiments carried out by research professionals from the faculty.</li></ul>
Inline resources	The Moodle platform
Other infos	The courses listed below provide an important basis for understanding and integrating the subject matter of this course. LPSP1012 Methodology of observation
Faculty or entity in charge	EPSY

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Psychology and Education: General	PSP1BA	5	LPSP1012	
Bachelor in Psychology and Education : Speech and Language Therapy	LOGO1BA	5	LPSP1012	