

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).


5 credits	45.0 h + 15.0 h	Q1 and Q2
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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"> - Introduction to the scope and specificities of a scientific approach to psychology and educational sciences. - Qualitative and quantitative research methods in psychology and educational sciences (descriptive, correlational and experimental level) - 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) - Measurement tools used in research methods - How to write a structured synthesis of the method used <p>These concepts will be illustrated</p> <ul style="list-style-type: none"> - 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). - Through participation in experiments carried out by research professionals from the faculty.
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"> - E1: master the steps, methodologies and tools used in psychology and educational sciences scientific research - E2: identify the contribution of scientific research in psychology and education sciences, and to critically analyze the research methods used in the existing literature - E3: act as an academic, using rigorous and ethical methods <p>The course aims to bring students to:</p> <ul style="list-style-type: none"> - 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 - 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) - B2: planning an experiment or intervention to assess or improve a given situation (individual or group) - C1 and C2: present in writing a structured synthesis of research methods (typical of psychology and educational sciences) - D1: listening to others in learning situations and in professional circles - D2 and D3: interact and collaborate with professional researchers in learning situations <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	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>The course consists of 5 modules, each with an evaluation in which the student must pass with a grade of at least 10/20. The different evaluations measure knowledge of qualitative and quantitative methods, skills in critical evaluation of methods, and skills in applying knowledge to create proposals of new methods. The evaluation modalities include an open-ended question, two sets of multiple-choice questions, one for qualitative and one for quantitative methods, and two reports for practical work, one for qualitative and one for quantitative methods.</p>
Teaching methods	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>Lectures and practical work</p>

Content	<p>Fundamental concepts:</p> <ul style="list-style-type: none"> • Introduction to the scope and specificities of a scientific approach to psychology and educational sciences. • Qualitative and quantitative research methods in psychology and educational sciences (descriptive, correlational and experimental level) • 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) • Measurement tools used in research methods • How to write a structured synthesis of the method used <p>These concepts will be illustrated</p> <ul style="list-style-type: none"> • 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). • Through participation in experiments carried out by research professionals from the faculty.
Inline resources	The Moodle platform
Bibliography	Willig, C. (2013). <i>Introducing Qualitative Research in Psychology</i> (3th Ed.).UK: Open University Press. Voir Moodle pour les autres liens / See Moodle for other links
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

Force majeure

Teaching methods	The courses are made with Microsoft Teams
Evaluation methods	The evaluations of the 5 modules remain the same. The open questions exam of january will be made using Moodle.
Other infos	More precise communications will be made using the course details on Moodle

Programmes containing this learning unit (UE)				
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	