UCLouvain

lpsys2927

2026

Advances in cognitive neuroscience

4.00 credits	30.0 h	Q2

Teacher(s)	Legrain Valéry ;Missal Marcus ;
Language :	English
Place of the course	Louvain-la-Neuve
Main themes	The topics are chosen around the research expertise of the teachers and put the emphasis on the techniques and recent neuroscientific data which allow a better understanding of the link between the mind or behavior and the brain.
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 At the end of this teaching unit, the student will be able to: - Analyze a behavior of an individual or a group by making links between functional processes (cognitive, affective and/or social processes) and the underlying neural processes (A1 and A2). - Understand the contribution and limits of different neuroscientific methods to develop neuroscientific models (E1) - Critically evaluate data from the neuroscientific literature (E2). In addition, the written coursework will allow reinforcing the ability to communicate critical thinking on a neuroscientific topic (C1 and C2). Finally, self-learning opportunities will allow the student to assess and increase his/her professionalism and competences (F1 and F2).
Content	The specific content is chosen in accordance with the teachers' research expertise.
Inline resources	Course slides and other materials on Moodle
Other infos	This course is delivered by a team of teachers who are research active in cognitive neuroscience.
Faculty or entity in charge	EPSY

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Psychology	PSY2M	4		🔍